

* =mandatory field)

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 - **Dataset Info:***
 - Dataset_ID*: [Stratus_85W_20S_Oct2008_Jan2010](#)
 - **Submission Dates:***
 - Initial_Submission: [20101209](#) (YYYYMMDD)
 - Revised_Submission: [20120420](#) (YYYYMMDD)
 - **Cruise Info:***
 - **Experiment:**
 - Experiment_Name*:
 - **Cruise:(-)**
 - Cruise_ID: (EXPOCODE)
 - Section: (Leg)
 - **Geographical Coverage:***
 - Geographical_Region:
 - **Bounds:**
 - Westernmost_Longitude:
Enter decimal fractions of degrees:
or Degrees, Minutes, Seconds:
 - Easternmost_Longitude:
Enter decimal fractions of degrees: [-85.62](#) (+ = E, - = W)
or Degrees, Minutes, Seconds:
 - Northernmost_Latitude:
Enter decimal fractions of degrees: [-19.70](#) (+ = N, - = S)
 - Southernmost_Latitude:
Enter decimal fractions of degrees:
 - **Temporal Coverage:**
 - Start_Date: [20081026](#) (YYYYMMDD)
 - End_Date: [20100118](#) (YYYYMMDD)
 - **Vessel:*** [Mooring platform](#)
 - Vessel_Name:
 - Vessel_ID:
 - Country:
 - Vessel_Owner:
- **Variables Info:***
 - **Variable:**
 - Variable_Name and Description*:
- [xCO₂ SW \(wet\) \(umol/mol\) - Mole fraction of CO₂ in air in equilibrium with the seawater at sea surface temperature and measured humidity.](#)
- [CO₂ SW QF – Quality Flag for xCO₂ SW \(wet\).](#)
- [H₂O SW \(mmol/mol\) - Mole fraction of H₂O in air from equilibrator .](#)
- [xCO₂ Air \(wet\) \(umol/mol\) - Mole fraction of CO₂ in air from airblock, 4 feet above the sea surface at measured humidity.](#)
- [CO₂ Air QF – Quality Flag for xCO₂ Air \(wet\)](#)
- [H₂O Air \(mmol/mol\) - Mole fraction of H₂O in air from airblock, 4 feet above the sea surface.](#)

- Licor Atm Pressure (hPa) – Atmospheric pressure at the airblock, 4 feet above the sea surface
- Licor Temp (C) – Temperature of the Infrared Licor 820 in degrees Celsius
- % O₂ - The percent oxygen of the surface seawater divided by the percent oxygen of the atmosphere at 4 feet above the sea surface. Disclaimer: The oxygen measurement is made in the equilibrated air. We have found that the oxygen does not come to complete equilibrium so any rapid changes in oxygen do not get properly captured using this system. Therefore, we tend to use the oxygen data only as a qualitative sense of the biology. It is not a quantitative measure.
- SST (C) - Sea Surface Temperature collected by WHOI/UOP. Data from the Stratus Ocean Reference Station were made available by Dr. Robert Weller of the Woods Hole Oceanographic Institution; these data were collected with support from the Pan American Climate Study and Climate Observation Programs of the Office of Global Programs, NOAA Office of Oceanic and Atmospheric Research, Grants NA17RJ1223, NA17RJ1224, and NA17RJ1225. WHOI/UOP provide internally recorded SST data at 1 minute resolution. The sea surface temperature collected during the equilibration period is reported in this dataset. WHOI/UOP advises to check the WHOI site at the time of use for the most accurate data available.
- Salinity – Sea Surface Salinity collected by WHOI/UOP. Data from the Stratus Ocean Reference Station were made available by Dr. Robert Weller of the Woods Hole Oceanographic Institution; these data were collected with support from the Pan American Climate Study and Climate Observation Programs of the Office of Global Programs, NOAA Office of Oceanic and Atmospheric Research, Grants NA17RJ1223, NA17RJ1224, and NA17RJ1225. WHOI/UOP provide internally recorded salinity data at 1 minute resolution. The salinity collected during the equilibration period is reported in this dataset. WHOI/UOP advises to check the WHOI site at the time of use for the most accurate data available.
- xCO₂ SW (dry) (umol/mol) – Mole fraction of CO₂ in air in equilibrium with the seawater at sea surface temperature (dry air).
- xCO₂ Air (dry) (umol/mol) – Mole fraction of CO₂ in air at the airblock, 4 feet above the sea surface (dry air).
- fCO₂ SW (sat) uatm – Fugacity of CO₂ in air in equilibrium with the seawater at sea surface temperature (100% humidity). Since the measurements are taken at the sea surface, warming calculations are not necessary.
- fCO₂ Air (sat) uatm – Fugacity of CO₂ in air at the airblock, 4 feet above the sea surface (100% humidity).
- dfCO₂ – Difference of the fugacity of the CO₂ in seawater and the fugacity of the CO₂ in air (fCO₂ SW - fCO₂ Air).
- **Method_Description:**
 - **Equilibrator_Design:**
 - Equilibrator_Type: (show pick list) Bubble Equilibrator
 - Equilibrator_Volume: (L) N/A
 - Water_Flow_Rate: (L/min) N/A
 - Headspace_Gas_Flow_Rate: (L/min) ~600 cc/min
 - Vented: (show pick list) Yes
 - Measurement_Method: Absolute, non-dispersive infrared (NDIR) gas analyzer
 - Manufacturer_of_Calibration_Gas: NOAA Earth System Research Laboratory (ESRL)
 - **CO₂ Sensors:**
 - **CO₂ Sensor:**
 - Manufacturer: Licor
 - Model: Environmental_Control: LI-820
 - Resolution: 0.01 ppm
 - Uncertainty: < 2.5% of reading with 14 cm bench (stated)
<1.5 ppm determined in lab

- **CO₂_Sensor_Calibration:** (For each calibration gas, document traceability to an internationally recognized scale, including date and place of last calibration. Include uncertainty of assigned value.)

At the beginning of each sample, the instrument self-calibrates using a zero and high standard. The zero standard is generated by cycling a small amount of air through a soda lime chamber. The high standard is from a cylinder of calibrated standard reference gas, 457.65 umol/mol, from ESRL. ESRL standards are traceable to WMO x93 scale with a stated reproducibility of 0.06 micromole/mole.

- **Other_Sensors:**
 - **Manufacturer:** Oxygen Sensor
 - **Model:** Maxtec
 - **Resolution:** Max-250
 - **Uncertainty:** 0.01 %
 - ± 2.0% Full Scale over operating temperature range
 - ± 1.0% Full Scale @ constant temperature and pressure
 - **Calibration:** (For each sensor of pressure, temperature, and salinity, document traceability to an internationally recognized scale, including date and place of last calibration.)
Factory calibrated before purchase. Recalibrated to sea level atmospheric air every 7 days.
- **Other_Sensors:**
 - **Manufacturer:** Humidity Sensor
 - **Model:** Sensirion
 - **Resolution:** SHT71
 - **Uncertainty:** 0.01 %
 - Measurement range: 0-100% RH
 - Absolute. RH accuracy: +/- 3% RH (20-80% RH)
 - Repeatability RH: +/- 0.1% RH
 - **Calibration:** (For each sensor of pressure, temperature, and salinity, document traceability to an internationally recognized scale, including date and place of last calibration.)
Factory calibrated before purchase.
- **Method_References:** (Publication(s) describing method)

Sabine, C. (2005): High-resolution ocean and atmosphere pCO₂ time-series measurements. The State of the Ocean and the Ocean Observing System for Climate, Annual Report, Fiscal Year 2004, NOAA/OGP/Office of Climate Observation, Section 3.32a, 246–253.

- **Additional Information**

- All measurements are at sea surface temperature and atmospheric pressure.
- During the equilibration cycle, a closed loop of air equilibrates with seawater for 10 minutes. Once the equilibration period is complete, the pump stops and the system opens to the atmosphere allowing the pressure to equilibrate with atmospheric pressure. Measurements are recorded for 30 seconds at 2 hertz and then averaged.
- During the air cycle, fresh air is pumped through the detector for 1 minute. Once the pump stops, the system opens to the atmosphere allowing the pressure to equilibrate with atmospheric pressure. Measurements are recorded for 30 seconds at 2 hertz and then averaged.
- The gas streams for both the air cycle and equilibrator cycle are partially dried before entering the detector. The values listed as wet xCO₂ generally have relative humidity levels ranging from 40 to 80 percent. The humidity levels increase over the course of a deployment.

- Sampling occurs every 3 hours. The infrared detector is calibrated at the beginning of every sampling period. Averaged data and standard deviations for each measurement are transmitted back daily.

- To calculate the dry measurements, the water mole fraction in the Licor detector must be known. A relative humidity sensor is located immediately downstream of the detector.

- As part of the QC process, each data set is compared with the Marine Boundary Layer (MBL) data from GlobalView-CO₂. The data from this deployment were -7.0 ± 1.4 umol/mol on average of the MBL data. There was also almost a 24 hour overlap between this deployment and the last deployment which also showed the new system was measuring approximately 7 umol/mol low. Therefore a correction of +7 was applied to the xCO₂ (wet) data.

GLOBALVIEW-CO₂: Cooperative Atmospheric Data Integration Project - Carbon Dioxide. CD-ROM, NOAA ESRL, Boulder, Colorado [Also available on Internet via anonymous FTP to ftp.cmdl.noaa.gov, Path: ccg/co2/GLOBALVIEW], 2010

-During the QC process, an adjustment to the Licor pressure is also made based on each sensor's bias to barometric pressure as measured in the lab. This system has not yet been tested for a Licor pressure bias. The Licor sensor on this deployment was impacted by changing temperature and humidity. The CO₂ air and seawater measurements that were impacted have a QC flag of 3. See QC log below.

- No data = -9.999 or -999

- Data_set_References: (Publication(s) describing data set) None

- Citation: (How to cite this data set) Sabine, C., S. Maenner and A. Sutton. 2010. High-resolution ocean and atmosphere pCO₂ time-series measurements from mooring Stratus.

- **Data_Set_Link:**

- URL*: http://www.pmel.noaa.gov/co2/moorings/stratus/stratus_main.htm

- Label*: PMEL CO₂ Group - Stratus mooring

- Link_Note: (Optional instructions or remarks)(m s t)

Quality Flags definitions:

- 2 = Acceptable measurement;
- 3 = Questionable measurement;
- 4 = Bad measurement
- 5 = Not reported;
- 9 = Sample not drawn for this measurement from this bottle.

Quality Flag Log for this dataset.

Date	Measurement	Value (Dry)	Flag	Comments
10/28/2008 15:17	xCO ₂ _SW	385.3675419	3	likely bad CO ₂ sw and air measurement due to Licor problem this cycle
10/28/2008 15:17	xCO ₂ _Air	383.8069105	3	likely bad CO ₂ sw and air measurement due to Licor problem this cycle
10/29/2008 15:17	xCO ₂ _SW	385.7957105	3	likely bad CO ₂ sw and air measurement due to Licor problem this cycle
10/29/2008 15:17	xCO ₂ _Air	383.0900635	3	likely bad CO ₂ sw and air measurement due to Licor problem this cycle
10/29/2008 18:17	xCO ₂ _SW	387.1845696	3	likely bad CO ₂ sw and air measurement due to Licor problem this cycle

10/29/2008 18:17	xCO2_Air	383.5160954	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/30/2008 15:17	xCO2_SW	384.8655778	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/30/2008 15:17	xCO2_Air	382.5076851	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/31/2008 18:17	xCO2_SW	384.2143496	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/31/2008 18:17	xCO2_Air	383.4178523	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/31/2008 21:17	xCO2_SW	386.5492181	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/31/2008 21:17	xCO2_Air	383.619376	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/1/2008 18:17	xCO2_SW	386.9946853	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/1/2008 18:17	xCO2_Air	383.5289936	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/2/2008 15:17	xCO2_SW	382.2675773	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/2/2008 15:17	xCO2_Air	382.5319937	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/2/2008 18:17	xCO2_SW	385.4821345	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/2/2008 18:17	xCO2_Air	381.1575318	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/3/2008 15:17	xCO2_SW	383.0796969	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/3/2008 15:17	xCO2_Air	382.3894328	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/3/2008 18:17	xCO2_SW	388.055133	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/3/2008 18:17	xCO2_Air	381.4988369	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/4/2008 15:17	xCO2_SW	383.8649025	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/4/2008 15:17	xCO2_Air	383.5641504	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/4/2008 18:17	xCO2_SW	386.3154292	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/4/2008 18:17	xCO2_Air	381.8517903	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/5/2008 15:17	xCO2_SW	382.819383	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/5/2008 15:17	xCO2_Air	383.3503203	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/6/2008 15:17	xCO2_SW	380.4373646	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/6/2008 15:17	xCO2_Air	381.9472236	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/6/2008 18:17	xCO2_SW	382.0521246	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/6/2008 18:17	xCO2_Air	381.6418325	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/7/2008 15:17	xCO2_SW	379.8693148	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/7/2008 15:17	xCO2_Air	382.9990841	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

11/8/2008 15:17	xCO2_SW	378.7351328	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/8/2008 15:17	xCO2_Air	382.5248823	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/8/2008 18:17	xCO2_SW	378.7416562	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/8/2008 18:17	xCO2_Air	381.82786	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/9/2008 15:17	xCO2_SW	381.9280495	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/9/2008 15:17	xCO2_Air	383.2143544	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/9/2008 18:17	xCO2_SW	381.6681538	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/9/2008 18:17	xCO2_Air	382.7386655	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/10/2008 18:17	xCO2_SW	380.8198522	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/10/2008 18:17	xCO2_Air	381.4516665	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/11/2008 18:17	xCO2_SW	381.7592774	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/11/2008 18:17	xCO2_Air	382.269171	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/11/2008 21:17	xCO2_SW	384.6042921	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/11/2008 21:17	xCO2_Air	383.116197	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/12/2008 15:17	xCO2_SW	379.9608301	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/12/2008 15:17	xCO2_Air	381.743265	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/12/2008 18:17	xCO2_SW	382.3410334	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/12/2008 18:17	xCO2_Air	381.4473908	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/12/2008 21:17	xCO2_SW	384.4592317	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/12/2008 21:17	xCO2_Air	381.9825744	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/13/2008 15:17	xCO2_SW	380.340224	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/13/2008 15:17	xCO2_Air	381.9083981	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/13/2008 18:17	xCO2_SW	381.2568198	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/13/2008 18:17	xCO2_Air	381.4761512	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/13/2008 21:17	xCO2_SW	383.5891116	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/13/2008 21:17	xCO2_Air	382.3723601	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/14/2008 15:17	xCO2_SW	380.0087017	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/14/2008 15:17	xCO2_Air	382.0555236	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/14/2008 18:17	xCO2_SW	380.7287032	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

11/14/2008 18:17	xCO2_Air	381.6316222	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/14/2008 21:17	xCO2_SW	383.5344705	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/14/2008 21:17	xCO2_Air	382.3571951	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/15/2008 15:17	xCO2_SW	379.9816985	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/15/2008 15:17	xCO2_Air	381.5300893	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/15/2008 18:17	xCO2_SW	382.1103023	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/15/2008 18:17	xCO2_Air	381.578547	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/16/2008 6:17	xCO2_SW	386.1183062	3	CO2 data submitted was adjusted by + 4 ppm b/c span calibration was off as predicted by change in Licor temperature
11/16/2008 6:17	xCO2_Air	383.5653843	3	CO2 data submitted was adjusted by + 4 ppm b/c span calibration was off as predicted by change in Licor temperature
11/16/2008 15:17	xCO2_SW	381.5468896	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/16/2008 15:17	xCO2_Air	381.2406048	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/16/2008 18:17	xCO2_SW	384.2368641	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/16/2008 18:17	xCO2_Air	380.8969278	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/17/2008 15:17	xCO2_SW	380.2830316	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/17/2008 15:17	xCO2_Air	381.9416411	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/17/2008 18:17	xCO2_SW	383.9852926	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/17/2008 18:17	xCO2_Air	382.6872285	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/17/2008 21:17	xCO2_SW	385.0601929	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/17/2008 21:17	xCO2_Air	382.0790701	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/18/2008 15:17	xCO2_SW	379.9037154	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/18/2008 15:17	xCO2_Air	382.3606999	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/18/2008 18:17	xCO2_SW	380.3464736	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/18/2008 18:17	xCO2_Air	382.1071763	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/18/2008 21:17	xCO2_SW	382.8209524	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/18/2008 21:17	xCO2_Air	382.3579775	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/19/2008 15:17	xCO2_SW	381.5261687	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/19/2008 15:17	xCO2_Air	382.7387312	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/19/2008 18:17	xCO2_SW	384.7529082	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/19/2008 18:17	xCO2_Air	381.1112392	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

11/19/2008 21:17	xCO2_SW	387.5788889	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/19/2008 21:17	xCO2_Air	381.9492067	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/20/2008 15:17	xCO2_SW	383.8051231	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/20/2008 15:17	xCO2_Air	380.5688162	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/20/2008 18:17	xCO2_SW	386.307848	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/20/2008 18:17	xCO2_Air	380.7956796	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/21/2008 0:17	xCO2_SW	387.0041693	3	CO2 data submitted was adjusted by - 7 ppm b/c span calibration was off as predicted by change in Licor temperature
11/21/2008 0:17	xCO2_Air	380.8022135	3	CO2 data submitted was adjusted by - 7 ppm b/c span calibration was off as predicted by change in Licor temperature
11/21/2008 18:17	xCO2_SW	384.1686318	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/21/2008 18:17	xCO2_Air	381.2574836	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/21/2008 21:17	xCO2_SW	389.2071198	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/21/2008 21:17	xCO2_Air	381.3709098	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/22/2008 3:17	xCO2_SW	381.9285446	3	CO2 data submitted was adjusted by + 4 ppm b/c span calibration was off as predicted by change in Licor temperature
11/22/2008 3:17	xCO2_Air	384.3438064	3	CO2 data submitted was adjusted by + 4 ppm b/c span calibration was off as predicted by change in Licor temperature
11/22/2008 18:17	xCO2_SW	381.6812315	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/22/2008 18:17	xCO2_Air	381.5975874	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/22/2008 21:17	xCO2_SW	383.900965	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/22/2008 21:17	xCO2_Air	381.7282122	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/23/2008 18:17	xCO2_SW	383.2501527	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/23/2008 18:17	xCO2_Air	382.7225443	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/23/2008 21:17	xCO2_SW	383.8672765	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/23/2008 21:17	xCO2_Air	382.3746768	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/24/2008 15:17	xCO2_SW	380.8219674	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/24/2008 15:17	xCO2_Air	382.5590246	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/24/2008 18:17	xCO2_SW	383.9440808	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/24/2008 18:17	xCO2_Air	381.206432	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/25/2008 6:17	xCO2_SW	385.5122541	3	CO2 data submitted was adjusted by - 4 ppm b/c span calibration was off as predicted by change in Licor temperature
11/25/2008 6:17	xCO2_Air	385.1364589	3	CO2 data submitted was adjusted by - 4 ppm b/c span calibration was off as predicted by change in Licor temperature
11/25/2008 15:17	xCO2_SW	383.8074421	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

11/25/2008 15:17	xCO2_Air	382.2604292	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/25/2008 18:17	xCO2_SW	390.1708373	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/25/2008 18:17	xCO2_Air	380.5631619	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/25/2008 21:17	xCO2_SW	389.7766041	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/25/2008 21:17	xCO2_Air	382.0584416	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/26/2008 18:17	xCO2_SW	386.8739796	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/26/2008 18:17	xCO2_Air	381.45286	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/26/2008 21:17	xCO2_SW	395.9840216	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/26/2008 21:17	xCO2_Air	383.176941	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/27/2008 15:17	xCO2_SW	387.6989029	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/27/2008 15:17	xCO2_Air	381.9975644	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/27/2008 18:17	xCO2_SW	399.3313484	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/27/2008 18:17	xCO2_Air	381.4780463	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/28/2008 18:17	xCO2_SW	391.0746944	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/28/2008 18:17	xCO2_Air	381.3024565	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/29/2008 15:17	xCO2_SW	387.9324524	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/29/2008 15:17	xCO2_Air	383.0449906	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/29/2008 18:17	xCO2_SW	393.705762	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/29/2008 18:17	xCO2_Air	381.6579944	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/29/2008 21:17	xCO2_SW	397.7394304	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/29/2008 21:17	xCO2_Air	382.5889085	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/30/2008 15:17	xCO2_SW	388.6551653	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/30/2008 15:17	xCO2_Air	383.1040034	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/30/2008 18:17	xCO2_SW	390.0353034	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/30/2008 18:17	xCO2_Air	382.5403586	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/1/2008 15:17	xCO2_SW	390.6585762	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/1/2008 15:17	xCO2_Air	382.3126776	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/1/2008 18:17	xCO2_SW	400.0895279	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/1/2008 18:17	xCO2_Air	381.4502284	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

12/2/2008 12:17	xCO2_SW	392.5461493	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/2/2008 12:17	xCO2_Air	382.4698211	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/2/2008 15:17	xCO2_SW	396.6204351	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/2/2008 15:17	xCO2_Air	380.7376391	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/2/2008 18:17	xCO2_SW	406.25174	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/2/2008 18:17	xCO2_Air	381.4496719	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/3/2008 0:17	xCO2_SW	406.9077639	3	CO2 data submitted was adjusted by - 6 ppm b/c span calibration was off as predicted by change in Licor temperature
12/3/2008 0:17	xCO2_Air	382.17359	3	CO2 data submitted was adjusted by - 6 ppm b/c span calibration was off as predicted by change in Licor temperature
12/3/2008 18:17	xCO2_SW	405.3508153	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/3/2008 18:17	xCO2_Air	380.9709235	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/3/2008 21:17	xCO2_SW	411.6345421	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/3/2008 21:17	xCO2_Air	381.3003001	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/4/2008 0:17	xCO2_SW	407.6782849	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/4/2008 0:17	xCO2_Air	381.6533457	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/4/2008 18:17	xCO2_SW	420.7920066	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/4/2008 18:17	xCO2_Air	380.642986	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/4/2008 21:17	xCO2_SW	439.4675512	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/4/2008 21:17	xCO2_Air	382.5543563	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/5/2008 3:17	xCO2_SW	421.576904	3	CO2 data submitted was adjusted by - 6 ppm b/c span calibration was off as predicted by change in Licor temperature
12/5/2008 3:17	xCO2_Air	386.4920685	3	CO2 data submitted was adjusted by - 6 ppm b/c span calibration was off as predicted by change in Licor temperature
12/5/2008 15:17	xCO2_SW	418.1811329	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/5/2008 15:17	xCO2_Air	381.0912223	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/5/2008 18:17	xCO2_SW	447.2118242	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/5/2008 18:17	xCO2_Air	381.180581	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/6/2008 6:17	xCO2_SW	419.3126084	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/6/2008 6:17	xCO2_Air	385.098998	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/6/2008 15:17	xCO2_SW	416.8416679	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/6/2008 15:17	xCO2_Air	383.7906407	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/6/2008 18:17	xCO2_SW	440.3133807	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

12/6/2008 18:17	xCO2_Air	380.950439	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/6/2008 21:17	xCO2_SW	442.0302092	3	CO2 data submitted was adjusted by - 7 ppm b/c span calibration was off as predicted by change in Licor temperature
12/6/2008 21:17	xCO2_Air	383.1868068	3	CO2 data submitted was adjusted by - 7 ppm b/c span calibration was off as predicted by change in Licor temperature
12/7/2008 15:17	xCO2_SW	413.8530476	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/7/2008 15:17	xCO2_Air	383.4338976	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/7/2008 18:17	xCO2_SW	416.854928	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/7/2008 18:17	xCO2_Air	381.6867008	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/7/2008 21:17	xCO2_SW	446.3243812	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/7/2008 21:17	xCO2_Air	381.1167417	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/8/2008 15:17	xCO2_SW	415.9928439	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/8/2008 15:17	xCO2_Air	383.7652297	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/8/2008 18:17	xCO2_SW	426.6916811	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/8/2008 18:17	xCO2_Air	382.8788981	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/9/2008 12:17	xCO2_SW	413.8497661	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/9/2008 12:17	xCO2_Air	383.4812732	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/9/2008 18:17	xCO2_SW	436.8441394	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/9/2008 18:17	xCO2_Air	383.5311637	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/10/2008 15:17	xCO2_SW	412.5030917	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/10/2008 15:17	xCO2_Air	381.845227	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/10/2008 18:17	xCO2_SW	418.937812	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/10/2008 18:17	xCO2_Air	381.0615114	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/10/2008 21:17	xCO2_SW	422.7687275	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/10/2008 21:17	xCO2_Air	381.3370863	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/11/2008 18:17	xCO2_SW	423.5173407	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/11/2008 18:17	xCO2_Air	381.2817737	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/11/2008 21:17	xCO2_SW	423.8132687	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/11/2008 21:17	xCO2_Air	381.783724	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/12/2008 15:17	xCO2_SW	412.8342349	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/12/2008 15:17	xCO2_Air	382.7185653	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

12/12/2008 18:17	xCO2_SW	421.4498128	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/12/2008 18:17	xCO2_Air	381.0129261	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/13/2008 18:17	xCO2_SW	415.8746452	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/13/2008 18:17	xCO2_Air	381.2224357	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/13/2008 21:17	xCO2_SW	420.2747038	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/13/2008 21:17	xCO2_Air	381.4716598	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/14/2008 18:17	xCO2_SW	413.9142118	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/14/2008 18:17	xCO2_Air	383.5932001	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/15/2008 15:17	xCO2_SW	409.9116379	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/15/2008 15:17	xCO2_Air	381.8326978	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/15/2008 18:17	xCO2_SW	411.0786415	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/15/2008 18:17	xCO2_Air	381.7902763	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/16/2008 18:17	xCO2_SW	417.5798173	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/16/2008 18:17	xCO2_Air	380.7756847	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/16/2008 21:17	xCO2_SW	436.4121678	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/16/2008 21:17	xCO2_Air	380.9275668	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/17/2008 0:17	xCO2_SW	417.69	3	CO2 data submitted was adjusted by - 8 ppm b/c span calibration was off as predicted by change in Licor temperature
12/17/2008 0:17	xCO2_Air	382.2690495	3	CO2 data submitted was adjusted by - 8 ppm b/c span calibration was off as predicted by change in Licor temperature
12/17/2008 18:17	xCO2_SW	414.2803016	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/17/2008 18:17	xCO2_Air	383.0362882	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/17/2008 21:17	xCO2_SW	418.1474338	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/17/2008 21:17	xCO2_Air	383.6962076	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/18/2008 12:17	xCO2_SW	411.1	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/18/2008 15:17	xCO2_Air	383.4	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/18/2008 15:17	xCO2_SW	409.5844605	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/18/2008 15:17	xCO2_Air	383.1471836	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/18/2008 18:17	xCO2_SW	416.615469	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/18/2008 18:17	xCO2_Air	383.1133504	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/18/2008 21:17	xCO2_SW	418.2	4	likely bad CO2 sw and air measurement due to Licor problem this cycle

12/18/2008 21:17	xCO2_Air	383.5	5	likely bad CO2 sw and air measurement due to Licor
problem this cycle				
12/19/2008 15:17	xCO2_SW	408.9513512	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/19/2008 15:17	xCO2_Air	382.1823796	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/19/2008 21:17	xCO2_SW	415.9537715	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/19/2008 21:17	xCO2_Air	382.925973	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/20/2008 15:17	xCO2_SW	411.9887053	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/20/2008 15:17	xCO2_Air	381.3884275	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/20/2008 18:17	xCO2_SW	411.4941645	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/20/2008 18:17	xCO2_Air	381.6546934	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/20/2008 21:17	xCO2_SW	414.0687151	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/20/2008 21:17	xCO2_Air	381.729331	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/21/2008 15:17	xCO2_SW	410.8286047	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/21/2008 15:17	xCO2_Air	382.2639277	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/22/2008 15:17	xCO2_SW	411.058872	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/22/2008 15:17	xCO2_Air	381.5472298	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/22/2008 18:17	xCO2_SW	415.7638658	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/22/2008 18:17	xCO2_Air	381.2186982	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/23/2008 15:17	xCO2_SW	409.6800682	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/23/2008 15:17	xCO2_Air	381.225909	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/23/2008 18:17	xCO2_SW	411.638187	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/23/2008 18:17	xCO2_Air	381.0211158	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/25/2008 15:17	xCO2_SW	409.686401	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/25/2008 15:17	xCO2_Air	381.5249422	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/25/2008 18:17	xCO2_SW	410.6432361	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/25/2008 18:17	xCO2_Air	381.1904377	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/26/2008 15:17	xCO2_SW	411.9666365	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/26/2008 15:17	xCO2_Air	383.5740885	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/27/2008 18:17	xCO2_SW	419.1284375	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/27/2008 18:17	xCO2_Air	381.2233415	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

12/27/2008 21:17	xCO2_SW	425.1603136	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/27/2008 21:17	xCO2_Air	381.4071461	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/28/2008 15:17	xCO2_SW	414.0139282	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/28/2008 15:17	xCO2_Air	382.5258776	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/28/2008 18:17	xCO2_SW	416.610609	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/28/2008 18:17	xCO2_Air	382.4161728	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/29/2008 15:17	xCO2_SW	415.1366207	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/29/2008 15:17	xCO2_Air	382.456226	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/29/2008 18:17	xCO2_SW	418.2588695	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/29/2008 18:17	xCO2_Air	381.1178972	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/30/2008 15:17	xCO2_SW	416.304147	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/30/2008 15:17	xCO2_Air	382.6784809	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/30/2008 18:17	xCO2_SW	416.755252	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/30/2008 18:17	xCO2_Air	381.5012839	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/30/2008 21:17	xCO2_SW	423.3865619	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/30/2008 21:17	xCO2_Air	381.2007442	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/31/2008 18:17	xCO2_SW	417.717119	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/31/2008 18:17	xCO2_Air	381.043464	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/31/2008 21:17	xCO2_SW	418.2350007	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/31/2008 21:17	xCO2_Air	382.8485437	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/1/2009 18:17	xCO2_SW	416.2869512	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/1/2009 18:17	xCO2_Air	381.3168572	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/2/2009 15:17	xCO2_SW	415.482224	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/2/2009 15:17	xCO2_Air	382.2111984	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/3/2009 18:17	xCO2_SW	420.8905127	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/3/2009 18:17	xCO2_Air	382.6520563	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/4/2009 18:17	xCO2_SW	423.2683012	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/4/2009 18:17	xCO2_Air	383.6584277	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/5/2009 6:17	xCO2_SW	418.436623	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

1/5/2009 6:17	xCO2_Air	382.7139291	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/5/2009 18:17	xCO2_SW	417.9119503	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/5/2009 18:17	xCO2_Air	383.0225843	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/6/2009 15:17	xCO2_SW	414.6623154	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/6/2009 15:17	xCO2_Air	382.7111342	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/6/2009 18:17	xCO2_SW	420.1632445	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/6/2009 18:17	xCO2_Air	380.905924	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/7/2009 18:17	xCO2_SW	417.659889	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/7/2009 18:17	xCO2_Air	382.6403799	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/8/2009 15:17	xCO2_SW	415.29554	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/8/2009 15:17	xCO2_Air	381.8309686	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/8/2009 18:17	xCO2_SW	418.2411419	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/8/2009 18:17	xCO2_Air	382.941832	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/9/2009 15:17	xCO2_SW	415.4391087	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/9/2009 15:17	xCO2_Air	382.3922532	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/9/2009 18:17	xCO2_SW	415.8941916	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/9/2009 18:17	xCO2_Air	382.3855716	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/10/2009 15:17	xCO2_SW	415.518993	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/10/2009 15:17	xCO2_Air	381.9781981	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/10/2009 18:17	xCO2_SW	416.3838402	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/10/2009 18:17	xCO2_Air	381.1191159	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/11/2009 18:17	xCO2_SW	414.6052203	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/11/2009 18:17	xCO2_Air	381.5085647	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/11/2009 21:17	xCO2_SW	416.3506507	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/11/2009 21:17	xCO2_Air	382.1690404	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/12/2009 15:17	xCO2_SW	412.4371871	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/12/2009 15:17	xCO2_Air	383.1327037	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/12/2009 18:17	xCO2_SW	413.2141884	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/12/2009 18:17	xCO2_Air	382.5304069	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

1/12/2009 21:17	xCO2_SW	414.6982344	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/12/2009 21:17	xCO2_Air	383.1847472	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/13/2009 15:17	xCO2_SW	412.3961444	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/13/2009 15:17	xCO2_Air	383.1012007	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/13/2009 18:17	xCO2_SW	414.5762851	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/13/2009 18:17	xCO2_Air	382.7539296	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/14/2009 15:17	xCO2_SW	411.7900984	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/14/2009 15:17	xCO2_Air	383.1713673	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/15/2009 15:17	xCO2_SW	413.6627113	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/15/2009 15:17	xCO2_Air	382.4759522	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/15/2009 18:17	xCO2_SW	416.0684208	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/15/2009 18:17	xCO2_Air	383.0970625	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/16/2009 15:17	xCO2_SW	413.9261555	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/16/2009 15:17	xCO2_Air	383.0788973	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/16/2009 21:17	xCO2_SW	419.6866793	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/16/2009 21:17	xCO2_Air	381.8423621	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/17/2009 15:17	xCO2_SW	416.473497	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/17/2009 15:17	xCO2_Air	382.6644263	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/18/2009 15:17	xCO2_SW	417.7476603	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/18/2009 15:17	xCO2_Air	383.7715681	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/19/2009 15:17	xCO2_SW	416.6472659	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/19/2009 15:17	xCO2_Air	381.6148481	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/19/2009 18:17	xCO2_SW	426.8816545	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/19/2009 18:17	xCO2_Air	380.7187829	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/20/2009 15:17	xCO2_SW	420.2979294	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/20/2009 15:17	xCO2_Air	383.0102439	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/20/2009 18:17	xCO2_SW	423.0879636	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/20/2009 18:17	xCO2_Air	381.7449083	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/20/2009 21:17	xCO2_SW	438.9744348	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

1/20/2009 21:17	xCO2_Air	380.5167422	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/21/2009 15:17	xCO2_SW	424.2704947	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/21/2009 15:17	xCO2_Air	382.1582523	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/21/2009 18:17	xCO2_SW	450.8055417	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/21/2009 18:17	xCO2_Air	380.6651386	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/22/2009 3:17	xCO2_SW	441.8261379	3	CO2 data submitted was adjusted by - 5 ppm b/c span calibration was off as predicted by change in Licor temperature
1/22/2009 3:17	xCO2_Air	385.2907333	3	CO2 data submitted was adjusted by - 5 ppm b/c span calibration was off as predicted by change in Licor temperature
1/22/2009 9:17	xCO2_SW	432.3855691	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/22/2009 9:17	xCO2_Air	385.4485653	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/22/2009 18:17	xCO2_SW	457.6500219	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/22/2009 18:17	xCO2_Air	386.3947366	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/23/2009 3:17	xCO2_SW	450.9604699	3	CO2 data submitted was adjusted by - 4 ppm b/c span calibration was off as predicted by change in Licor temperature
1/23/2009 3:17	xCO2_Air	385.4651846	3	CO2 data submitted was adjusted by - 4 ppm b/c span calibration was off as predicted by change in Licor temperature
1/23/2009 9:17	xCO2_SW	430.626341	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/23/2009 9:17	xCO2_Air	385.2113157	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/23/2009 18:17	xCO2_SW	439.4147635	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/23/2009 18:17	xCO2_Air	384.9949955	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/24/2009 0:17	xCO2_SW	439.132766	3	CO2 data submitted was adjusted by - 9 ppm b/c span calibration was off as predicted by change in Licor temperature
1/24/2009 0:17	xCO2_Air	381.4426809	3	CO2 data submitted was adjusted by - 9 ppm b/c span calibration was off as predicted by change in Licor temperature
1/24/2009 18:17	xCO2_SW	454.5034028	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/24/2009 18:17	xCO2_Air	380.4571966	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/24/2009 21:17	xCO2_SW	471.2108802	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/24/2009 21:17	xCO2_Air	381.407435	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/25/2009 15:17	xCO2_SW	429.9900768	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/25/2009 15:17	xCO2_Air	383.6550473	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/25/2009 18:17	xCO2_SW	429.1323597	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/25/2009 18:17	xCO2_Air	383.5852742	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/26/2009 18:17	xCO2_SW	431.4648871	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/26/2009 18:17	xCO2_Air	382.3423466	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

1/26/2009 21:17	xCO2_SW	433.6386822	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/26/2009 21:17	xCO2_Air	382.1892862	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/27/2009 15:17	xCO2_SW	428.1955456	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/27/2009 15:17	xCO2_Air	381.9478085	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/27/2009 18:17	xCO2_SW	429.9993251	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/27/2009 18:17	xCO2_Air	382.1729434	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/27/2009 21:17	xCO2_SW	431.7604776	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/27/2009 21:17	xCO2_Air	381.7913543	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/28/2009 18:17	xCO2_SW	428.0554923	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/28/2009 18:17	xCO2_Air	381.9089072	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/28/2009 21:17	xCO2_SW	428.4631758	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/28/2009 21:17	xCO2_Air	381.0995437	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/29/2009 18:17	xCO2_SW	425.5570148	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/29/2009 18:17	xCO2_Air	380.9974099	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/29/2009 21:17	xCO2_SW	424.798231	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/29/2009 21:17	xCO2_Air	381.144142	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/30/2009 18:17	xCO2_SW	422.0193697	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/30/2009 18:17	xCO2_Air	381.7285392	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/30/2009 21:17	xCO2_SW	421.039755	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/30/2009 21:17	xCO2_Air	381.2941401	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/31/2009 15:17	xCO2_SW	413.6237389	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/31/2009 15:17	xCO2_Air	383.1398471	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/1/2009 18:17	xCO2_SW	409.5277332	3	likely bad CO2 sw and air measurement due to Licor
problem this cycle				
2/1/2009 18:17	xCO2_Air	382.9841319	3	likely bad CO2 sw and air measurement due to Licor
problem this cycle				
2/2/2009 15:17	xCO2_SW	409.577313	3	likely bad CO2 sw and air measurement due to Licor
problem this cycle				
2/2/2009 15:17	xCO2_Air	383.5839299	3	likely bad CO2 sw and air measurement due to Licor
problem this cycle				
2/2/2009 18:17	xCO2_SW	411.5012162	3	likely bad CO2 sw and air measurement due to Licor
problem this cycle				
2/2/2009 18:17	xCO2_Air	382.6369262	3	likely bad CO2 sw and air measurement due to Licor
problem this cycle				
2/3/2009 18:17	xCO2_SW	406.9504225	3	likely bad CO2 sw and air measurement due to Licor
problem this cycle				

2/3/2009 18:17 xCO2_Air problem this cycle	380.763068	3	likely bad CO2 sw and air measurement due to Licor
2/4/2009 15:17 xCO2_SW problem this cycle	402.649967	3	likely bad CO2 sw and air measurement due to Licor
2/4/2009 15:17 xCO2_Air problem this cycle	384.2174804	3	likely bad CO2 sw and air measurement due to Licor
2/5/2009 18:17 xCO2_SW problem this cycle	412.7757819	3	likely bad CO2 sw and air measurement due to Licor
2/5/2009 18:17 xCO2_Air problem this cycle	382.5581625	3	likely bad CO2 sw and air measurement due to Licor
2/6/2009 15:17 xCO2_SW problem this cycle	402.6353209	3	likely bad CO2 sw and air measurement due to Licor
2/6/2009 15:17 xCO2_Air problem this cycle	383.2637651	3	likely bad CO2 sw and air measurement due to Licor
2/7/2009 15:17 xCO2_SW problem this cycle	402.1144922	3	likely bad CO2 sw and air measurement due to Licor
2/7/2009 15:17 xCO2_Air problem this cycle	383.3384603	3	likely bad CO2 sw and air measurement due to Licor
2/7/2009 18:17 xCO2_SW problem this cycle	402.0909713	3	likely bad CO2 sw and air measurement due to Licor
2/7/2009 18:17 xCO2_Air problem this cycle	383.283295	3	likely bad CO2 sw and air measurement due to Licor
2/7/2009 21:17 xCO2_SW cycle	403.9	4	likely bad CO2 sw and air measurement due to Licor problem this
2/7/2009 21:17 xCO2_Air cycle	383.7	5	likely bad CO2 sw and air measurement due to Licor problem this
2/8/2009 15:17 xCO2_SW problem this cycle	401.7870126	3	likely bad CO2 sw and air measurement due to Licor
2/8/2009 15:17 xCO2_Air problem this cycle	382.8601331	3	likely bad CO2 sw and air measurement due to Licor
2/8/2009 18:17 xCO2_SW problem this cycle	403.0343681	3	likely bad CO2 sw and air measurement due to Licor
2/8/2009 18:17 xCO2_Air problem this cycle	382.5389551	3	likely bad CO2 sw and air measurement due to Licor
2/9/2009 15:17 xCO2_SW problem this cycle	403.2558775	3	likely bad CO2 sw and air measurement due to Licor
2/9/2009 15:17 xCO2_Air problem this cycle	383.3806963	3	likely bad CO2 sw and air measurement due to Licor
2/9/2009 18:17 xCO2_SW problem this cycle	404.4202143	3	likely bad CO2 sw and air measurement due to Licor
2/9/2009 18:17 xCO2_Air problem this cycle	383.6016916	3	likely bad CO2 sw and air measurement due to Licor
2/10/2009 15:17 xCO2_SW Licor problem this cycle	402.1392096	3	likely bad CO2 sw and air measurement due to
2/10/2009 15:17 xCO2_Air Licor problem this cycle	383.5502645	3	likely bad CO2 sw and air measurement due to
2/10/2009 18:17 xCO2_SW Licor problem this cycle	404.0225557	3	likely bad CO2 sw and air measurement due to
2/10/2009 18:17 xCO2_Air Licor problem this cycle	383.7696188	3	likely bad CO2 sw and air measurement due to
2/11/2009 18:17 xCO2_SW Licor problem this cycle	400.8769089	3	likely bad CO2 sw and air measurement due to
2/11/2009 18:17 xCO2_Air Licor problem this cycle	383.181792	3	likely bad CO2 sw and air measurement due to
2/12/2009 15:17 xCO2_SW Licor problem this cycle	401.2160115	3	likely bad CO2 sw and air measurement due to
2/12/2009 15:17 xCO2_Air Licor problem this cycle	383.8736097	3	likely bad CO2 sw and air measurement due to

2/12/2009 18:17	xCO2_SW	403.7303115	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/12/2009 18:17	xCO2_Air	383.3806293	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/12/2009 21:17	xCO2_SW	403.9212659	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/12/2009 21:17	xCO2_Air	383.3706512	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/13/2009 15:17	xCO2_SW	399.2597232	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/13/2009 15:17	xCO2_Air	382.5143177	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/13/2009 18:17	xCO2_SW	400.2364273	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/13/2009 18:17	xCO2_Air	383.4489757	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/14/2009 15:17	xCO2_SW	398.3907007	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/14/2009 15:17	xCO2_Air	383.2038831	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/14/2009 18:17	xCO2_SW	399.6482662	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/14/2009 18:17	xCO2_Air	382.795113	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/15/2009 15:17	xCO2_SW	400.771792	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/15/2009 15:17	xCO2_Air	382.6916799	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/15/2009 18:17	xCO2_SW	403.8024135	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/15/2009 18:17	xCO2_Air	381.5681428	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/16/2009 15:17	xCO2_SW	406.528569	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/16/2009 15:17	xCO2_Air	383.4200395	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/17/2009 15:17	xCO2_SW	410.95692	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/17/2009 15:17	xCO2_Air	383.5548534	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/17/2009 18:17	xCO2_SW	414.6843913	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/17/2009 18:17	xCO2_Air	383.3965799	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/18/2009 15:17	xCO2_SW	416.5500005	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/18/2009 15:17	xCO2_Air	382.5390236	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/18/2009 18:17	xCO2_SW	424.7199982	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/18/2009 18:17	xCO2_Air	381.5579736	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/19/2009 15:17	xCO2_SW	423.0375639	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/19/2009 15:17	xCO2_Air	380.6451379	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/19/2009 18:17	xCO2_SW	437.1197614	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

2/19/2009 18:17	xCO2_Air	381.0013446	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/19/2009 21:17	xCO2_SW	442.0765422	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/19/2009 21:17	xCO2_Air	381.8367763	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/20/2009 18:17	xCO2_SW	431.6525026	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/20/2009 18:17	xCO2_Air	382.3732147	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/21/2009 15:17	xCO2_SW	427.1705188	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/21/2009 15:17	xCO2_Air	382.8051352	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/21/2009 18:17	xCO2_SW	427.4940152	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/21/2009 18:17	xCO2_Air	382.9025632	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/22/2009 15:17	xCO2_SW	421.7221833	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/22/2009 15:17	xCO2_Air	382.3662059	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/22/2009 18:17	xCO2_SW	428.2313195	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/22/2009 18:17	xCO2_Air	382.2738808	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/22/2009 21:17	xCO2_SW	422.8997231	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/22/2009 21:17	xCO2_Air	382.1457084	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/23/2009 18:17	xCO2_SW	424.9159412	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/23/2009 18:17	xCO2_Air	381.9195533	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/23/2009 21:17	xCO2_SW	425.6059495	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/23/2009 21:17	xCO2_Air	381.0465215	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/24/2009 18:17	xCO2_SW	420.6917838	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/24/2009 18:17	xCO2_Air	383.3461929	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/24/2009 21:17	xCO2_SW	422.1701935	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/24/2009 21:17	xCO2_Air	382.6686192	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/25/2009 15:17	xCO2_SW	419.6286598	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/25/2009 15:17	xCO2_Air	382.3057636	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/25/2009 18:17	xCO2_SW	420.5003889	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/25/2009 18:17	xCO2_Air	381.7119863	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/25/2009 21:17	xCO2_SW	421.7767382	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
2/25/2009 21:17	xCO2_Air	382.1857611	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

2/26/2009 15:17	xCO2_SW	417.2817103	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
2/26/2009 15:17	xCO2_Air	382.3967673	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
2/26/2009 18:17	xCO2_SW	419.0814436	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
2/26/2009 18:17	xCO2_Air	380.9633676	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
2/27/2009 15:17	xCO2_SW	417.7165605	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
2/27/2009 15:17	xCO2_Air	382.830723	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
2/27/2009 18:17	xCO2_SW	419.6277806	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
2/27/2009 18:17	xCO2_Air	383.3463068	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
2/28/2009 18:17	xCO2_SW	423.2251468	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
2/28/2009 18:17	xCO2_Air	381.0974022	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/1/2009 15:17	xCO2_SW	420.3680202	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/1/2009 15:17	xCO2_Air	382.6771451	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/1/2009 18:17	xCO2_SW	424.6419271	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/1/2009 18:17	xCO2_Air	382.1447548	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/2/2009 15:17	xCO2_SW	417.6969631	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/2/2009 15:17	xCO2_Air	383.3857006	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/2/2009 18:17	xCO2_SW	423.5027806	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/2/2009 18:17	xCO2_Air	381.1185908	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/3/2009 15:17	xCO2_SW	412.3966163	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/3/2009 15:17	xCO2_Air	383.7523962	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/3/2009 18:17	xCO2_SW	414.8566943	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/3/2009 18:17	xCO2_Air	383.8018331	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/4/2009 15:17	xCO2_SW	412.3179931	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/4/2009 15:17	xCO2_Air	382.6497806	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/4/2009 18:17	xCO2_SW	416.7137916	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/4/2009 18:17	xCO2_Air	382.3632828	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/5/2009 18:17	xCO2_SW	416.8768816	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/5/2009 18:17	xCO2_Air	380.3606148	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/5/2009 21:17	xCO2_SW	420.9727843	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

3/5/2009 21:17	xCO2_Air	381.1193217	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/6/2009 15:17	xCO2_SW	414.8535423	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/6/2009 15:17	xCO2_Air	381.9027017	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/6/2009 18:17	xCO2_SW	415.0496919	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/6/2009 18:17	xCO2_Air	381.4455798	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/7/2009 15:17	xCO2_SW	413.0435564	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/7/2009 15:17	xCO2_Air	381.9026629	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/7/2009 18:17	xCO2_SW	414.804299	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/7/2009 18:17	xCO2_Air	383.2359501	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/8/2009 15:17	xCO2_SW	420.4925903	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/8/2009 15:17	xCO2_Air	382.8755229	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/8/2009 18:17	xCO2_SW	421.6390506	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/8/2009 18:17	xCO2_Air	383.9396542	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/9/2009 15:17	xCO2_SW	419.2407503	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/9/2009 15:17	xCO2_Air	382.193529	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/9/2009 18:17	xCO2_SW	421.8341996	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/9/2009 18:17	xCO2_Air	382.4411252	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/10/2009 21:17	xCO2_SW	422.9621131	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/10/2009 21:17	xCO2_Air	381.6293403	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/11/2009 15:17	xCO2_SW	419.6389598	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/11/2009 15:17	xCO2_Air	383.2699064	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/11/2009 18:17	xCO2_SW	420.5582629	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/11/2009 18:17	xCO2_Air	382.4212881	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/12/2009 15:17	xCO2_SW	419.2299737	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/12/2009 15:17	xCO2_Air	382.0782313	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/12/2009 18:17	xCO2_SW	422.3702655	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/12/2009 18:17	xCO2_Air	383.1720661	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/13/2009 18:17	xCO2_SW	424.1022309	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/13/2009 18:17	xCO2_Air	381.587251	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

3/13/2009 21:17	xCO2_SW	425.7883798	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/13/2009 21:17	xCO2_Air	380.8689575	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/14/2009 15:17	xCO2_SW	418.1768719	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/14/2009 15:17	xCO2_Air	382.0389421	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/14/2009 18:17	xCO2_SW	422.1692899	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/14/2009 18:17	xCO2_Air	382.2045092	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/15/2009 15:17	xCO2_SW	418.434827	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/15/2009 15:17	xCO2_Air	382.3173875	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/15/2009 18:17	xCO2_SW	420.4770341	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/15/2009 18:17	xCO2_Air	381.4164524	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/16/2009 15:17	xCO2_SW	417.9767802	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/16/2009 15:17	xCO2_Air	382.235723	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/16/2009 18:17	xCO2_SW	418.7728538	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/16/2009 18:17	xCO2_Air	381.7515077	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/17/2009 15:17	xCO2_SW	418.0771285	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/17/2009 15:17	xCO2_Air	382.4870518	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/17/2009 18:17	xCO2_SW	417.5885698	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/17/2009 18:17	xCO2_Air	382.4192087	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/18/2009 18:17	xCO2_SW	418.0839431	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/18/2009 18:17	xCO2_Air	382.9894059	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/19/2009 15:17	xCO2_SW	418.122192	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/19/2009 15:17	xCO2_Air	381.9532213	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/19/2009 18:17	xCO2_SW	419.7858584	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/19/2009 18:17	xCO2_Air	381.7204883	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/20/2009 15:17	xCO2_SW	416.7513022	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/20/2009 15:17	xCO2_Air	381.5367103	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/20/2009 18:17	xCO2_SW	418.3166349	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/20/2009 18:17	xCO2_Air	383.0205701	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/21/2009 18:17	xCO2_SW	416.7108044	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

3/21/2009 18:17	xCO2_Air	383.108984	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/22/2009 15:17	xCO2_SW	414.4921371	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/22/2009 15:17	xCO2_Air	382.2279109	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/22/2009 18:17	xCO2_SW	414.9131855	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/22/2009 18:17	xCO2_Air	382.0015404	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/23/2009 15:17	xCO2_SW	415.9616465	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/23/2009 15:17	xCO2_Air	382.6193829	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/23/2009 18:17	xCO2_SW	415.176607	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/23/2009 18:17	xCO2_Air	381.5452622	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/24/2009 15:17	xCO2_SW	412.7958995	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/24/2009 15:17	xCO2_Air	382.7221145	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/24/2009 18:17	xCO2_SW	412.1196944	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/24/2009 18:17	xCO2_Air	382.8502766	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/25/2009 15:17	xCO2_SW	412.387037	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/25/2009 15:17	xCO2_Air	382.9236801	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/25/2009 18:17	xCO2_SW	414.0323809	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/25/2009 18:17	xCO2_Air	382.4851748	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/26/2009 15:17	xCO2_SW	413.6501731	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/26/2009 15:17	xCO2_Air	382.1010163	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/26/2009 18:17	xCO2_SW	414.0915555	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/26/2009 18:17	xCO2_Air	380.7232323	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/27/2009 15:17	xCO2_SW	418.1516424	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/27/2009 15:17	xCO2_Air	382.8758087	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/27/2009 18:17	xCO2_SW	416.427902	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/27/2009 18:17	xCO2_Air	381.2138196	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/27/2009 21:17	xCO2_SW	416.5716231	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/27/2009 21:17	xCO2_Air	382.0153	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/28/2009 18:17	xCO2_SW	413.0275456	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
3/28/2009 18:17	xCO2_Air	383.6168178	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

3/28/2009 21:17	xCO2_SW	415.2510742	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/28/2009 21:17	xCO2_Air	382.212007	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/29/2009 18:17	xCO2_SW	415.0226828	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/29/2009 18:17	xCO2_Air	382.3643886	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/30/2009 15:17	xCO2_SW	407.0436402	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/30/2009 15:17	xCO2_Air	383.5961949	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/30/2009 18:17	xCO2_SW	405.1537938	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/30/2009 18:17	xCO2_Air	383.309712	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/31/2009 15:17	xCO2_SW	401.4827425	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/31/2009 15:17	xCO2_Air	383.2661974	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/31/2009 18:17	xCO2_SW	404.4898815	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
3/31/2009 18:17	xCO2_Air	383.938648	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/1/2009 15:17	xCO2_SW	399.9430372	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/1/2009 15:17	xCO2_Air	381.6297868	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/1/2009 18:17	xCO2_SW	404.4572659	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/1/2009 18:17	xCO2_Air	381.9961582	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/2/2009 15:17	xCO2_SW	400.1347892	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/2/2009 15:17	xCO2_Air	383.7293204	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/2/2009 18:17	xCO2_SW	406.6038652	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/2/2009 18:17	xCO2_Air	381.4276257	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/3/2009 18:17	xCO2_SW	401.125499	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/3/2009 18:17	xCO2_Air	381.9849405	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/3/2009 21:17	xCO2_SW	402.9972846	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/3/2009 21:17	xCO2_Air	381.0961633	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/4/2009 15:17	xCO2_SW	401.4334666	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/4/2009 15:17	xCO2_Air	383.1359336	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/5/2009 18:17	xCO2_SW	402.3678486	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/5/2009 18:17	xCO2_Air	383.3739981	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/5/2009 21:17	xCO2_SW	404.4721061	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

4/5/2009 21:17	xCO2_Air	381.4841953	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/6/2009 18:17	xCO2_SW	400.8471486	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/6/2009 18:17	xCO2_Air	383.1214045	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/7/2009 21:17	xCO2_SW	405.2247271	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/7/2009 21:17	xCO2_Air	381.979814	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/8/2009 15:17	xCO2_SW	407.684539	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/8/2009 15:17	xCO2_Air	383.1384475	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/9/2009 15:17	xCO2_SW	401.7468521	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/9/2009 15:17	xCO2_Air	382.3873473	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/9/2009 18:17	xCO2_SW	403.6586581	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/9/2009 18:17	xCO2_Air	382.3379488	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/10/2009 15:17	xCO2_SW	414.5728675	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/10/2009 15:17	xCO2_Air	384.0275704	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/10/2009 18:17	xCO2_SW	408.4387783	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/10/2009 18:17	xCO2_Air	382.7587172	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/11/2009 18:17	xCO2_SW	417.3747087	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/11/2009 18:17	xCO2_Air	381.4079269	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/11/2009 21:17	xCO2_SW	415.8537578	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/11/2009 21:17	xCO2_Air	381.1820746	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/12/2009 18:17	xCO2_SW	418.4863893	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/12/2009 18:17	xCO2_Air	380.8510524	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/12/2009 21:17	xCO2_SW	420.6692368	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/12/2009 21:17	xCO2_Air	381.4035987	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/13/2009 18:17	xCO2_SW	413.1326337	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/13/2009 18:17	xCO2_Air	381.3417607	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/13/2009 21:17	xCO2_SW	412.4625589	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/13/2009 21:17	xCO2_Air	381.6740874	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/14/2009 15:17	xCO2_SW	408.5003593	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/14/2009 15:17	xCO2_Air	383.2278689	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

4/14/2009 18:17	xCO2_SW	409.3826986	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/14/2009 18:17	xCO2_Air	383.782703	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/15/2009 21:17	xCO2_SW	412.2086345	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/15/2009 21:17	xCO2_Air	381.3790552	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/16/2009 15:17	xCO2_SW	407.3490958	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/16/2009 15:17	xCO2_Air	383.0229578	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/16/2009 21:17	xCO2_SW	410.9700468	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/16/2009 21:17	xCO2_Air	381.6331158	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/17/2009 18:17	xCO2_SW	408.1846631	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/17/2009 18:17	xCO2_Air	381.9552919	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/17/2009 21:17	xCO2_SW	408.1580839	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/17/2009 21:17	xCO2_Air	383.3309807	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/18/2009 15:17	xCO2_SW	406.8590668	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/18/2009 15:17	xCO2_Air	383.0016866	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/18/2009 18:17	xCO2_SW	407.306417	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/18/2009 18:17	xCO2_Air	383.1400693	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/20/2009 18:17	xCO2_SW	411.3614886	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/20/2009 18:17	xCO2_Air	381.9444895	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/20/2009 21:17	xCO2_SW	411.9191012	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/20/2009 21:17	xCO2_Air	382.2772659	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/21/2009 15:17	xCO2_SW	407.6929149	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/21/2009 15:17	xCO2_Air	382.5408689	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/21/2009 18:17	xCO2_SW	408.2153465	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/21/2009 18:17	xCO2_Air	381.8576873	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/21/2009 21:17	xCO2_SW	408.9667422	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/21/2009 21:17	xCO2_Air	382.8860945	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/22/2009 18:17	xCO2_SW	407.9604085	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/22/2009 18:17	xCO2_Air	383.3591709	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
4/22/2009 21:17	xCO2_SW	409.0371923	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

4/22/2009 21:17 Licor problem this cycle	xCO2_Air	383.337856	3	likely bad CO2 sw and air measurement due to
4/23/2009 15:17 Licor problem this cycle	xCO2_SW	403.3284253	3	likely bad CO2 sw and air measurement due to
4/23/2009 15:17 Licor problem this cycle	xCO2_Air	382.334417	3	likely bad CO2 sw and air measurement due to
4/23/2009 18:17 Licor problem this cycle	xCO2_SW	403.2434383	3	likely bad CO2 sw and air measurement due to
4/23/2009 18:17 Licor problem this cycle	xCO2_Air	383.4122853	3	likely bad CO2 sw and air measurement due to
4/24/2009 18:17 Licor problem this cycle	xCO2_SW	405.2867879	3	likely bad CO2 sw and air measurement due to
4/24/2009 18:17 Licor problem this cycle	xCO2_Air	382.7739307	3	likely bad CO2 sw and air measurement due to
4/25/2009 15:17 Licor problem this cycle	xCO2_SW	406.1807886	3	likely bad CO2 sw and air measurement due to
4/25/2009 15:17 Licor problem this cycle	xCO2_Air	382.5389186	3	likely bad CO2 sw and air measurement due to
4/25/2009 18:17 Licor problem this cycle	xCO2_SW	402.6752681	3	likely bad CO2 sw and air measurement due to
4/25/2009 18:17 Licor problem this cycle	xCO2_Air	382.4672237	3	likely bad CO2 sw and air measurement due to
4/25/2009 21:17 Licor problem this cycle	xCO2_SW	401.0788123	3	likely bad CO2 sw and air measurement due to
4/25/2009 21:17 Licor problem this cycle	xCO2_Air	381.8859132	3	likely bad CO2 sw and air measurement due to
4/26/2009 15:17 Licor problem this cycle	xCO2_SW	400.8299219	3	likely bad CO2 sw and air measurement due to
4/26/2009 15:17 Licor problem this cycle	xCO2_Air	382.6419573	3	likely bad CO2 sw and air measurement due to
4/26/2009 18:17 Licor problem this cycle	xCO2_SW	400.3846457	3	likely bad CO2 sw and air measurement due to
4/26/2009 18:17 Licor problem this cycle	xCO2_Air	381.87831	3	likely bad CO2 sw and air measurement due to
4/26/2009 21:17 problem this cycle	xCO2_SW	401.7	4	likely bad CO2 sw and air measurement due to Licor
4/26/2009 21:17 problem this cycle	xCO2_Air	382.6	5	likely bad CO2 sw and air measurement due to Licor
4/27/2009 15:17 Licor problem this cycle	xCO2_SW	404.6074369	3	likely bad CO2 sw and air measurement due to
4/27/2009 15:17 Licor problem this cycle	xCO2_Air	382.693274	3	likely bad CO2 sw and air measurement due to
4/27/2009 18:17 Licor problem this cycle	xCO2_SW	403.9421911	3	likely bad CO2 sw and air measurement due to
4/27/2009 18:17 Licor problem this cycle	xCO2_Air	382.5418278	3	likely bad CO2 sw and air measurement due to
4/28/2009 15:17 Licor problem this cycle	xCO2_SW	400.1119318	3	likely bad CO2 sw and air measurement due to
4/28/2009 15:17 Licor problem this cycle	xCO2_Air	382.631998	3	likely bad CO2 sw and air measurement due to
4/28/2009 18:17 Licor problem this cycle	xCO2_SW	396.8600183	3	likely bad CO2 sw and air measurement due to
4/28/2009 18:17 Licor problem this cycle	xCO2_Air	381.6993815	3	likely bad CO2 sw and air measurement due to
4/29/2009 15:17 Licor problem this cycle	xCO2_SW	395.7916899	3	likely bad CO2 sw and air measurement due to
4/29/2009 15:17 Licor problem this cycle	xCO2_Air	381.6609144	3	likely bad CO2 sw and air measurement due to

4/29/2009 21:17	xCO2_SW	398.9623288	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/29/2009 21:17	xCO2_Air	381.5435685	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/30/2009 15:17	xCO2_SW	397.2449061	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/30/2009 15:17	xCO2_Air	382.2708198	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/30/2009 18:17	xCO2_SW	400.762104	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
4/30/2009 18:17	xCO2_Air	380.5536752	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/1/2009 15:17	xCO2_SW	401.7209569	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/1/2009 15:17	xCO2_Air	382.7725079	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/1/2009 18:17	xCO2_SW	403.9787484	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/1/2009 18:17	xCO2_Air	382.0829298	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/2/2009 15:17	xCO2_SW	400.3020308	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/2/2009 15:17	xCO2_Air	380.9897526	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/2/2009 18:17	xCO2_SW	407.9720358	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/2/2009 18:17	xCO2_Air	380.4556954	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/2/2009 21:17	xCO2_SW	406.6241139	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/2/2009 21:17	xCO2_Air	381.2738925	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/3/2009 18:17	xCO2_SW	394.8638983	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/3/2009 18:17	xCO2_Air	383.1274085	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/4/2009 15:17	xCO2_SW	396.65813	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/4/2009 15:17	xCO2_Air	381.914142	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/4/2009 18:17	xCO2_SW	396.1929533	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/4/2009 18:17	xCO2_Air	381.4835182	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/5/2009 15:17	xCO2_SW	396.275147	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/5/2009 15:17	xCO2_Air	381.8362083	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/5/2009 18:17	xCO2_SW	396.6783607	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/5/2009 18:17	xCO2_Air	382.1529652	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/5/2009 21:17	xCO2_SW	397.4	4	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/5/2009 21:17	xCO2_Air	382.3	5	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/7/2009 15:17	xCO2_SW	390.1311321	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

5/7/2009 15:17	xCO2_Air	384.1058374	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/7/2009 18:17	xCO2_SW	390.4667457	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/7/2009 18:17	xCO2_Air	384.5026392	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/8/2009 18:17	xCO2_SW	391.3973206	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/8/2009 18:17	xCO2_Air	383.3764999	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/9/2009 18:17	xCO2_SW	393.8526679	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/9/2009 18:17	xCO2_Air	383.824673	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/11/2009 18:17	xCO2_SW	382.2240192	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/11/2009 18:17	xCO2_Air	383.726738	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/11/2009 21:17	xCO2_SW	382.5726421	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/11/2009 21:17	xCO2_Air	383.5080136	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/12/2009 15:17	xCO2_SW	378.7733456	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/12/2009 15:17	xCO2_Air	381.6914894	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/12/2009 18:17	xCO2_SW	380.1340264	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/12/2009 18:17	xCO2_Air	382.542914	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/13/2009 15:17	xCO2_SW	377.5310896	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/13/2009 15:17	xCO2_Air	382.1698445	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/13/2009 18:17	xCO2_SW	378.6936422	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/13/2009 18:17	xCO2_Air	381.9225106	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/13/2009 21:17	xCO2_SW	380.0712497	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/13/2009 21:17	xCO2_Air	382.6475459	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/14/2009 15:17	xCO2_SW	381.8486969	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/14/2009 15:17	xCO2_Air	382.7783233	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/14/2009 18:17	xCO2_SW	383.0237257	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/14/2009 18:17	xCO2_Air	382.1767557	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/14/2009 21:17	xCO2_SW	385.7450571	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/14/2009 21:17	xCO2_Air	382.5262632	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/15/2009 18:17	xCO2_SW	387.3472331	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/15/2009 18:17	xCO2_Air	381.3965771	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

5/15/2009 21:17	xCO2_SW	388.4894295	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/15/2009 21:17	xCO2_Air	382.0712296	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/16/2009 15:17	xCO2_SW	387.9013415	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/16/2009 15:17	xCO2_Air	381.7892325	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/16/2009 18:17	xCO2_SW	388.0677358	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/16/2009 18:17	xCO2_Air	381.9550385	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/16/2009 21:17	xCO2_SW	388.9579484	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/16/2009 21:17	xCO2_Air	382.3078472	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/17/2009 18:17	xCO2_SW	386.880081	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/17/2009 18:17	xCO2_Air	382.35717	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/17/2009 21:17	xCO2_SW	387.0612498	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/17/2009 21:17	xCO2_Air	382.6264445	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/18/2009 15:17	xCO2_SW	387.9561705	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/18/2009 15:17	xCO2_Air	382.7522713	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/18/2009 18:17	xCO2_SW	386.8329265	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/18/2009 18:17	xCO2_Air	382.2486643	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/19/2009 15:17	xCO2_SW	388.7894292	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/19/2009 15:17	xCO2_Air	382.7975442	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/20/2009 15:17	xCO2_SW	388.1399347	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/20/2009 15:17	xCO2_Air	381.4443838	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/20/2009 18:17	xCO2_SW	388.6599077	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/20/2009 18:17	xCO2_Air	381.4726929	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/20/2009 21:17	xCO2_SW	389.5827384	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/20/2009 21:17	xCO2_Air	382.852596	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/21/2009 18:17	xCO2_SW	387.3742612	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/21/2009 18:17	xCO2_Air	383.6373462	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/22/2009 18:17	xCO2_SW	387.8988409	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/22/2009 18:17	xCO2_Air	384.4268083	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/22/2009 21:17	xCO2_SW	388.7542951	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

5/22/2009 21:17	xCO2_Air	384.3189937	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/23/2009 18:17	xCO2_SW	388.2877314	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/23/2009 18:17	xCO2_Air	383.5980451	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/23/2009 21:17	xCO2_SW	389.307195	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/23/2009 21:17	xCO2_Air	384.5506428	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/24/2009 18:17	xCO2_SW	386.6625733	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/24/2009 18:17	xCO2_Air	384.5222588	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/24/2009 21:17	xCO2_SW	385.1477749	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/24/2009 21:17	xCO2_Air	384.0789776	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/26/2009 18:17	xCO2_SW	383.0039344	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/26/2009 18:17	xCO2_Air	382.0280865	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/26/2009 21:17	xCO2_SW	383.823896	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/26/2009 21:17	xCO2_Air	382.6383101	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/27/2009 15:17	xCO2_SW	382.6737682	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/27/2009 15:17	xCO2_Air	381.7955944	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/27/2009 18:17	xCO2_SW	382.3906297	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/27/2009 18:17	xCO2_Air	380.8579918	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/28/2009 15:17	xCO2_SW	383.3322032	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/28/2009 15:17	xCO2_Air	381.9735996	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/28/2009 18:17	xCO2_SW	383.0167309	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/28/2009 18:17	xCO2_Air	383.0944853	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/29/2009 15:17	xCO2_SW	381.807456	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/29/2009 15:17	xCO2_Air	383.1903868	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/29/2009 18:17	xCO2_SW	382.3133909	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/29/2009 18:17	xCO2_Air	383.4303163	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/30/2009 18:17	xCO2_SW	383.1620353	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/30/2009 18:17	xCO2_Air	383.7158186	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/30/2009 21:17	xCO2_SW	382.7502031	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
5/30/2009 21:17	xCO2_Air	384.4267842	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

5/31/2009 15:17	xCO2_SW	382.5737955	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/31/2009 15:17	xCO2_Air	384.1969113	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/31/2009 18:17	xCO2_SW	382.6002054	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/31/2009 18:17	xCO2_Air	383.8457012	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/31/2009 21:17	xCO2_SW	383.8445943	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
5/31/2009 21:17	xCO2_Air	383.5583577	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/1/2009 15:17	xCO2_SW	381.3740074	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/1/2009 15:17	xCO2_Air	383.4462556	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/1/2009 18:17	xCO2_SW	381.7534991	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/1/2009 18:17	xCO2_Air	383.9330239	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/4/2009 15:17	xCO2_SW	383.8658235	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/4/2009 15:17	xCO2_Air	383.9327332	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/4/2009 18:17	xCO2_SW	384.0648249	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/4/2009 18:17	xCO2_Air	384.1888844	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/5/2009 15:17	xCO2_SW	381.536763	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/5/2009 15:17	xCO2_Air	383.9048185	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/5/2009 18:17	xCO2_SW	382.720628	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/5/2009 18:17	xCO2_Air	383.6254664	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/6/2009 18:17	xCO2_SW	385.5708613	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/6/2009 18:17	xCO2_Air	382.6272368	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/6/2009 21:17	xCO2_SW	388.1070168	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/6/2009 21:17	xCO2_Air	381.4671497	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/7/2009 18:17	xCO2_SW	386.5740662	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/7/2009 18:17	xCO2_Air	382.3139137	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/7/2009 21:17	xCO2_SW	388.7035212	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/7/2009 21:17	xCO2_Air	381.7489936	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/8/2009 15:17	xCO2_SW	381.8909762	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/8/2009 15:17	xCO2_Air	383.8886608	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/8/2009 21:17	xCO2_SW	381.5147884	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

6/8/2009 21:17	xCO2_Air	383.3524635	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/9/2009 21:17	xCO2_SW	378.9465083	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/9/2009 21:17	xCO2_Air	383.506966	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/10/2009 21:17	xCO2_SW	379.1848392	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/10/2009 21:17	xCO2_Air	384.217366	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/11/2009 15:17	xCO2_SW	378.8485559	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/11/2009 15:17	xCO2_Air	382.9336378	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/11/2009 21:17	xCO2_SW	382.1356059	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/11/2009 21:17	xCO2_Air	381.6093306	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/12/2009 18:17	xCO2_SW	385.345454	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/12/2009 18:17	xCO2_Air	383.6631789	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/12/2009 21:17	xCO2_SW	386.9691211	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/12/2009 21:17	xCO2_Air	383.1640401	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/13/2009 18:17	xCO2_SW	385.3235399	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/13/2009 18:17	xCO2_Air	383.4755836	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/13/2009 21:17	xCO2_SW	392.8580097	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/13/2009 21:17	xCO2_Air	383.8032658	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/14/2009 15:17	xCO2_SW	379.6671197	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/14/2009 15:17	xCO2_Air	383.5617466	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/14/2009 18:17	xCO2_SW	384.5557035	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/14/2009 18:17	xCO2_Air	382.7060234	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/14/2009 21:17	xCO2_SW	386.6863119	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/14/2009 21:17	xCO2_Air	383.3206911	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/15/2009 15:17	xCO2_SW	379.1186519	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/15/2009 15:17	xCO2_Air	382.5164937	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/15/2009 18:17	xCO2_SW	380.6801436	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/15/2009 18:17	xCO2_Air	383.13173	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/15/2009 21:17	xCO2_SW	381.2000207	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/15/2009 21:17	xCO2_Air	382.8248495	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

6/16/2009 15:17	xCO2_SW	380.372323	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/16/2009 15:17	xCO2_Air	382.9788096	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/16/2009 18:17	xCO2_SW	381.542264	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/16/2009 18:17	xCO2_Air	381.760053	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/16/2009 21:17	xCO2_SW	381.2751885	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/16/2009 21:17	xCO2_Air	382.8000315	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/17/2009 18:17	xCO2_SW	380.454854	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/17/2009 18:17	xCO2_Air	382.4315447	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/17/2009 21:17	xCO2_SW	381.981081	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/17/2009 21:17	xCO2_Air	383.3408664	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/18/2009 18:17	xCO2_SW	380.2823537	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/18/2009 18:17	xCO2_Air	384.0510823	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/19/2009 18:17	xCO2_SW	380.8340514	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/19/2009 18:17	xCO2_Air	383.8887605	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/19/2009 21:17	xCO2_SW	382.7668913	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/19/2009 21:17	xCO2_Air	383.6407972	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/20/2009 15:17	xCO2_SW	378.4130269	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/20/2009 15:17	xCO2_Air	383.4761553	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/21/2009 15:17	xCO2_SW	378.4262465	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/21/2009 15:17	xCO2_Air	381.4917195	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/21/2009 18:17	xCO2_SW	378.9619263	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/21/2009 18:17	xCO2_Air	381.1302566	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/21/2009 21:17	xCO2_SW	379.3944311	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/21/2009 21:17	xCO2_Air	381.4561273	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/22/2009 15:17	xCO2_SW	375.7859631	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/22/2009 15:17	xCO2_Air	381.3994654	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/22/2009 18:17	xCO2_SW	376.7244053	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/22/2009 18:17	xCO2_Air	380.7829563	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
6/22/2009 21:17	xCO2_SW	377.1140851	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

6/22/2009 21:17	xCO2_Air	381.6656087	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/23/2009 15:17	xCO2_SW	375.6052817	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/23/2009 15:17	xCO2_Air	382.455083	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/24/2009 18:17	xCO2_SW	378.8936134	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/24/2009 18:17	xCO2_Air	382.9293788	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/24/2009 21:17	xCO2_SW	380.01932	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/24/2009 21:17	xCO2_Air	381.9318949	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/25/2009 18:17	xCO2_SW	378.6714609	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/25/2009 18:17	xCO2_Air	384.3569185	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/26/2009 18:17	xCO2_SW	380.0813773	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/26/2009 18:17	xCO2_Air	384.5482817	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/27/2009 18:17	xCO2_SW	382.421848	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/27/2009 18:17	xCO2_Air	383.5047862	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/27/2009 21:17	xCO2_SW	384.6254396	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/27/2009 21:17	xCO2_Air	384.0805867	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/28/2009 0:17	xCO2_SW	382.0677203	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/28/2009 0:17	xCO2_Air	385.77997	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/28/2009 3:17	xCO2_Air	403.1549828	4	likely bad CO2 air measurement but no problems in system diagnostics
6/28/2009 6:17	xCO2_SW	379.8940484	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/28/2009 6:17	xCO2_Air	384.4557141	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/28/2009 9:17	xCO2_SW	378.3036573	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/28/2009 9:17	xCO2_Air	383.9517644	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/28/2009 12:17	xCO2_SW	378.107561	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/28/2009 12:17	xCO2_Air	384.6281214	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/29/2009 18:17	xCO2_SW	375.1017991	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/29/2009 18:17	xCO2_Air	382.4983373	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/30/2009 18:17	xCO2_SW	374.897956	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
6/30/2009 18:17	xCO2_Air	383.2802735	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/1/2009 18:17	xCO2_SW	376.9234786	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

7/1/2009 18:17 xCO2_Air problem this cycle	382.7459624	3	likely bad CO2 sw and air measurement due to Licor
7/1/2009 21:17 xCO2_SW problem this cycle	377.0732468	3	likely bad CO2 sw and air measurement due to Licor
7/1/2009 21:17 xCO2_Air problem this cycle	383.0982231	3	likely bad CO2 sw and air measurement due to Licor
7/2/2009 18:17 xCO2_SW problem this cycle	377.3597771	3	likely bad CO2 sw and air measurement due to Licor
7/2/2009 18:17 xCO2_Air problem this cycle	383.4878319	3	likely bad CO2 sw and air measurement due to Licor
7/3/2009 18:17 xCO2_SW problem this cycle	377.5756856	3	likely bad CO2 sw and air measurement due to Licor
7/3/2009 18:17 xCO2_Air problem this cycle	384.3199919	3	likely bad CO2 sw and air measurement due to Licor
7/5/2009 18:17 xCO2_SW problem this cycle	375.606717	3	likely bad CO2 sw and air measurement due to Licor
7/5/2009 18:17 xCO2_Air problem this cycle	383.965503	3	likely bad CO2 sw and air measurement due to Licor
7/6/2009 15:17 xCO2_SW problem this cycle	374.95874	3	likely bad CO2 sw and air measurement due to Licor
7/6/2009 15:17 xCO2_Air problem this cycle	383.4188179	3	likely bad CO2 sw and air measurement due to Licor
7/6/2009 18:17 xCO2_SW problem this cycle	375.8975396	3	likely bad CO2 sw and air measurement due to Licor
7/6/2009 18:17 xCO2_Air problem this cycle	383.3809632	3	likely bad CO2 sw and air measurement due to Licor
7/7/2009 18:17 xCO2_SW problem this cycle	377.9351265	3	likely bad CO2 sw and air measurement due to Licor
7/7/2009 18:17 xCO2_Air problem this cycle	382.662944	3	likely bad CO2 sw and air measurement due to Licor
7/7/2009 21:17 xCO2_SW problem this cycle	377.4313843	3	likely bad CO2 sw and air measurement due to Licor
7/7/2009 21:17 xCO2_Air problem this cycle	382.3305854	3	likely bad CO2 sw and air measurement due to Licor
7/8/2009 15:17 xCO2_SW problem this cycle	376.3700509	3	likely bad CO2 sw and air measurement due to Licor
7/8/2009 15:17 xCO2_Air problem this cycle	382.8910421	3	likely bad CO2 sw and air measurement due to Licor
7/8/2009 18:17 xCO2_SW problem this cycle	376.5334556	3	likely bad CO2 sw and air measurement due to Licor
7/8/2009 18:17 xCO2_Air problem this cycle	382.0946185	3	likely bad CO2 sw and air measurement due to Licor
7/10/2009 15:17 xCO2_SW Licor problem this cycle	376.7018462	3	likely bad CO2 sw and air measurement due to
7/10/2009 15:17 xCO2_Air Licor problem this cycle	383.7108144	3	likely bad CO2 sw and air measurement due to
7/11/2009 18:17 xCO2_SW Licor problem this cycle	376.2610936	3	likely bad CO2 sw and air measurement due to
7/11/2009 18:17 xCO2_Air Licor problem this cycle	383.2001466	3	likely bad CO2 sw and air measurement due to
7/12/2009 15:17 xCO2_SW Licor problem this cycle	376.6709634	3	likely bad CO2 sw and air measurement due to
7/12/2009 15:17 xCO2_Air Licor problem this cycle	382.9321529	3	likely bad CO2 sw and air measurement due to
7/12/2009 18:17 xCO2_SW Licor problem this cycle	376.1514694	3	likely bad CO2 sw and air measurement due to
7/12/2009 18:17 xCO2_Air Licor problem this cycle	383.5066345	3	likely bad CO2 sw and air measurement due to

7/13/2009 15:17	xCO2_SW	376.2446183	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/13/2009 15:17	xCO2_Air	383.5845318	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/15/2009 15:17	xCO2_SW	376.1064227	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/15/2009 15:17	xCO2_Air	384.5508804	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/15/2009 18:17	xCO2_SW	376.9847358	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/15/2009 18:17	xCO2_Air	384.6473003	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/17/2009 18:17	xCO2_SW	379.9154336	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/17/2009 18:17	xCO2_Air	384.5564105	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/17/2009 21:17	xCO2_SW	386.2378133	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/17/2009 21:17	xCO2_Air	382.3245577	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/18/2009 15:17	xCO2_SW	375.874706	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/18/2009 15:17	xCO2_Air	384.3455293	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/20/2009 15:17	xCO2_SW	374.7904648	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/20/2009 15:17	xCO2_Air	382.3630938	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/20/2009 18:17	xCO2_SW	374.922207	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/20/2009 18:17	xCO2_Air	381.3491451	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/20/2009 21:17	xCO2_SW	375.4941976	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/20/2009 21:17	xCO2_Air	382.1742472	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/21/2009 18:17	xCO2_SW	374.5114946	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/21/2009 18:17	xCO2_Air	382.6372577	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/21/2009 21:17	xCO2_SW	374.7347207	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/21/2009 21:17	xCO2_Air	382.6964682	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/22/2009 18:17	xCO2_SW	374.6917245	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/22/2009 18:17	xCO2_Air	382.5886483	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/22/2009 21:17	xCO2_SW	375.3892495	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/22/2009 21:17	xCO2_Air	383.2634135	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/23/2009 15:17	xCO2_SW	374.6426124	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/23/2009 15:17	xCO2_Air	383.0100461	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
7/23/2009 18:17	xCO2_SW	374.7287563	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

7/23/2009 18:17	xCO2_Air	382.3998719	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/24/2009 15:17	xCO2_SW	376.2676235	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/24/2009 15:17	xCO2_Air	382.8213494	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/24/2009 18:17	xCO2_SW	376.5950281	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/24/2009 18:17	xCO2_Air	384.0733278	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/25/2009 15:17	xCO2_SW	376.3576103	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/25/2009 15:17	xCO2_Air	382.9647181	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/25/2009 18:17	xCO2_SW	376.528314	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/25/2009 18:17	xCO2_Air	383.3174563	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/27/2009 21:17	xCO2_SW	377.1391404	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/27/2009 21:17	xCO2_Air	384.6030179	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/28/2009 18:17	xCO2_SW	377.4404878	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/28/2009 18:17	xCO2_Air	383.5656775	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/28/2009 21:17	xCO2_SW	377.6701219	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/28/2009 21:17	xCO2_Air	383.8314573	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/29/2009 18:17	xCO2_SW	376.9778657	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/29/2009 18:17	xCO2_Air	384.6051138	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/31/2009 18:17	xCO2_SW	376.4128868	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
7/31/2009 18:17	xCO2_Air	384.4418535	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/1/2009 18:17	xCO2_SW	376.2202333	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/1/2009 18:17	xCO2_Air	383.7368427	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/1/2009 21:17	xCO2_SW	377.8441116	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/1/2009 21:17	xCO2_Air	384.4945638	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/2/2009 15:17	xCO2_SW	376.039873	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/2/2009 15:17	xCO2_Air	383.5459074	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/2/2009 18:17	xCO2_SW	377.6086193	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/2/2009 18:17	xCO2_Air	384.0965707	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/3/2009 3:17	xCO2_SW	379.2139842	3	CO2 data submitted was adjusted by - 4 ppm b/c span calibration was off as predicted by change in Licor temperature
8/3/2009 3:17	xCO2_Air	386.5225733	3	CO2 data submitted was adjusted by - 4 ppm b/c span calibration was off as predicted by change in Licor temperature

8/3/2009 15:17 xCO2_SW problem this cycle	376.6812384	3	likely bad CO2 sw and air measurement due to Licor
8/3/2009 15:17 xCO2_Air problem this cycle	382.9464213	3	likely bad CO2 sw and air measurement due to Licor
8/3/2009 18:17 xCO2_SW problem this cycle	379.3638686	3	likely bad CO2 sw and air measurement due to Licor
8/3/2009 18:17 xCO2_Air problem this cycle	383.8496548	3	likely bad CO2 sw and air measurement due to Licor
8/4/2009 18:17 xCO2_SW problem this cycle	375.1084488	3	likely bad CO2 sw and air measurement due to Licor
8/4/2009 18:17 xCO2_Air problem this cycle	384.6176564	3	likely bad CO2 sw and air measurement due to Licor
8/5/2009 15:17 xCO2_SW problem this cycle	375.9272111	3	likely bad CO2 sw and air measurement due to Licor
8/5/2009 15:17 xCO2_Air problem this cycle	383.0693921	3	likely bad CO2 sw and air measurement due to Licor
8/5/2009 18:17 xCO2_SW problem this cycle	376.6205485	3	likely bad CO2 sw and air measurement due to Licor
8/5/2009 18:17 xCO2_Air problem this cycle	383.7693235	3	likely bad CO2 sw and air measurement due to Licor
8/6/2009 18:17 xCO2_SW problem this cycle	376.113954	3	likely bad CO2 sw and air measurement due to Licor
8/6/2009 18:17 xCO2_Air problem this cycle	384.2682802	3	likely bad CO2 sw and air measurement due to Licor
8/7/2009 18:17 xCO2_SW problem this cycle	373.1747247	3	likely bad CO2 sw and air measurement due to Licor
8/7/2009 18:17 xCO2_Air problem this cycle	382.9747747	3	likely bad CO2 sw and air measurement due to Licor
8/7/2009 21:17 xCO2_SW problem this cycle	374.297396	3	likely bad CO2 sw and air measurement due to Licor
8/7/2009 21:17 xCO2_Air problem this cycle	383.9554243	3	likely bad CO2 sw and air measurement due to Licor
8/8/2009 18:17 xCO2_SW problem this cycle	372.7837652	3	likely bad CO2 sw and air measurement due to Licor
8/8/2009 18:17 xCO2_Air problem this cycle	383.2403762	3	likely bad CO2 sw and air measurement due to Licor
8/9/2009 15:17 xCO2_SW cycle	372.1	4	likely bad CO2 sw and air measurement due to Licor problem this
8/9/2009 15:17 xCO2_Air cycle	384.1	5	likely bad CO2 sw and air measurement due to Licor problem this
8/9/2009 18:17 xCO2_SW problem this cycle	372.5734699	3	likely bad CO2 sw and air measurement due to Licor
8/9/2009 18:17 xCO2_Air problem this cycle	383.6648929	3	likely bad CO2 sw and air measurement due to Licor
8/9/2009 21:17 xCO2_SW problem this cycle	373.0163243	3	likely bad CO2 sw and air measurement due to Licor
8/9/2009 21:17 xCO2_Air problem this cycle	383.4428026	3	likely bad CO2 sw and air measurement due to Licor
8/10/2009 18:17 xCO2_SW Licor problem this cycle	372.6216818	3	likely bad CO2 sw and air measurement due to
8/10/2009 18:17 xCO2_Air Licor problem this cycle	384.080002	3	likely bad CO2 sw and air measurement due to
8/11/2009 18:17 xCO2_SW Licor problem this cycle	374.0895016	3	likely bad CO2 sw and air measurement due to
8/11/2009 18:17 xCO2_Air Licor problem this cycle	384.3981269	3	likely bad CO2 sw and air measurement due to
8/11/2009 21:17 xCO2_SW Licor problem this cycle	377.5127743	3	likely bad CO2 sw and air measurement due to

8/11/2009 21:17	xCO2_Air	382.54016	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/12/2009 18:17	xCO2_SW	374.606104	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/12/2009 18:17	xCO2_Air	384.4028059	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/13/2009 18:17	xCO2_SW	377.0701107	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/13/2009 18:17	xCO2_Air	384.7758669	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/13/2009 21:17	xCO2_SW	379.1838858	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/13/2009 21:17	xCO2_Air	384.7914768	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/14/2009 18:17	xCO2_SW	383.8790891	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/14/2009 18:17	xCO2_Air	383.7891878	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/15/2009 15:17	xCO2_SW	375.0926361	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/15/2009 15:17	xCO2_Air	382.8630824	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/15/2009 18:17	xCO2_SW	376.2063781	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/15/2009 18:17	xCO2_Air	382.9170757	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/16/2009 3:17	xCO2_SW	376.5145037	3	CO2 data submitted was adjusted by + 4 ppm b/c span calibration was off as predicted by change in Licor temperature
8/16/2009 3:17	xCO2_Air	385.2231263	3	CO2 data submitted was adjusted by + 4 ppm b/c span calibration was off as predicted by change in Licor temperature
8/16/2009 18:17	xCO2_SW	373.6049486	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/16/2009 18:17	xCO2_Air	384.4353254	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/17/2009 15:17	xCO2_SW	375.1707624	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/17/2009 15:17	xCO2_Air	384.6762699	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/17/2009 18:17	xCO2_SW	376.0568296	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/17/2009 18:17	xCO2_Air	384.5745405	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/17/2009 21:17	xCO2_SW	376.7875553	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/17/2009 21:17	xCO2_Air	384.327916	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/18/2009 21:17	xCO2_SW	377.7080406	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/18/2009 21:17	xCO2_Air	384.6179667	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/19/2009 15:17	xCO2_SW	375.4953407	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/19/2009 15:17	xCO2_Air	383.19816	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/19/2009 18:17	xCO2_SW	375.8250758	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
8/19/2009 18:17	xCO2_Air	383.3541716	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

8/20/2009 18:17	xCO2_SW	374.796166	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/20/2009 18:17	xCO2_Air	383.9247666	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/21/2009 15:17	xCO2_SW	374.3459956	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/21/2009 15:17	xCO2_Air	384.0807033	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/21/2009 18:17	xCO2_SW	374.8371592	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/21/2009 18:17	xCO2_Air	383.7168827	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/21/2009 21:17	xCO2_SW	375.3230793	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/21/2009 21:17	xCO2_Air	384.2373639	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/22/2009 15:17	xCO2_SW	373.5564732	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/22/2009 15:17	xCO2_Air	383.9757779	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/22/2009 18:17	xCO2_SW	374.5304736	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/22/2009 18:17	xCO2_Air	383.1534428	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/22/2009 21:17	xCO2_SW	375.2435939	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/22/2009 21:17	xCO2_Air	383.9926611	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/23/2009 15:17	xCO2_SW	375.1774428	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/23/2009 15:17	xCO2_Air	383.0119146	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/23/2009 18:17	xCO2_SW	376.1829537	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/23/2009 18:17	xCO2_Air	382.8421214	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/23/2009 21:17	xCO2_SW	378.4405038	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/23/2009 21:17	xCO2_Air	383.3689453	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/24/2009 18:17	xCO2_SW	376.1165191	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/24/2009 18:17	xCO2_Air	383.6223489	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/24/2009 21:17	xCO2_SW	376.6259625	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/24/2009 21:17	xCO2_Air	383.2823042	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/25/2009 15:17	xCO2_SW	375.9481647	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/25/2009 15:17	xCO2_Air	383.9175111	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/25/2009 18:17	xCO2_SW	377.023736	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/25/2009 18:17	xCO2_Air	383.9646235	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/25/2009 21:17	xCO2_SW	379.2550785	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

8/25/2009 21:17	xCO2_Air	383.567561	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/26/2009 18:17	xCO2_SW	379.7027536	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/26/2009 18:17	xCO2_Air	384.337314	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/26/2009 21:17	xCO2_SW	383.9464459	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/26/2009 21:17	xCO2_Air	384.4221846	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/27/2009 18:17	xCO2_SW	382.2145163	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/27/2009 18:17	xCO2_Air	383.8810587	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/27/2009 21:17	xCO2_SW	387.6094144	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/27/2009 21:17	xCO2_Air	382.8536622	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/28/2009 18:17	xCO2_SW	378.1182685	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/28/2009 18:17	xCO2_Air	385.7178499	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/28/2009 21:17	xCO2_SW	381.5204572	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/28/2009 21:17	xCO2_Air	384.6161846	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/29/2009 21:17	xCO2_SW	382.7476754	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/29/2009 21:17	xCO2_Air	385.2234513	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/30/2009 18:17	xCO2_SW	383.0040188	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/30/2009 18:17	xCO2_Air	386.1487795	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/30/2009 21:17	xCO2_SW	393.6496797	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/30/2009 21:17	xCO2_Air	384.2897098	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/31/2009 15:17	xCO2_SW	377.2039569	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/31/2009 15:17	xCO2_Air	385.0000705	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/31/2009 18:17	xCO2_SW	383.0615145	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/31/2009 18:17	xCO2_Air	383.8309963	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/31/2009 21:17	xCO2_SW	391.9078557	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
8/31/2009 21:17	xCO2_Air	383.1456752	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/1/2009 15:17	xCO2_SW	377.5581197	3	likely bad CO2 sw and air measurement due to Licor
problem this cycle				
9/1/2009 15:17	xCO2_Air	384.3943042	3	likely bad CO2 sw and air measurement due to Licor
problem this cycle				
9/1/2009 18:17	xCO2_SW	382.2623498	3	likely bad CO2 sw and air measurement due to Licor
problem this cycle				
9/1/2009 18:17	xCO2_Air	382.8541169	3	likely bad CO2 sw and air measurement due to Licor
problem this cycle				

9/1/2009 21:17	xCO2_SW	388.9301751	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/1/2009 21:17	xCO2_Air	382.5160895	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/2/2009 15:17	xCO2_SW	376.7242031	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/2/2009 15:17	xCO2_Air	384.6997479	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/3/2009 18:17	xCO2_SW	374.3767901	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/3/2009 18:17	xCO2_Air	384.5332804	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/7/2009 18:17	xCO2_SW	375.041123	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/7/2009 18:17	xCO2_Air	383.4249478	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/7/2009 21:17	xCO2_SW	375.755926	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/7/2009 21:17	xCO2_Air	383.958653	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/8/2009 18:17	xCO2_SW	375.3003206	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/8/2009 18:17	xCO2_Air	383.1796312	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/9/2009 15:17	xCO2_SW	374.7943448	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/9/2009 15:17	xCO2_Air	383.4671677	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/9/2009 18:17	xCO2_SW	375.4251962	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/9/2009 18:17	xCO2_Air	384.3165558	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/10/2009 15:17	xCO2_SW	374.0168468	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/10/2009 15:17	xCO2_Air	383.6840006	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/10/2009 18:17	xCO2_SW	374.2139738	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/10/2009 18:17	xCO2_Air	383.5749754	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/10/2009 21:17	xCO2_SW	374.4164409	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/10/2009 21:17	xCO2_Air	383.6152925	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/11/2009 15:17	xCO2_SW	374.1512811	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/11/2009 15:17	xCO2_Air	383.0935879	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/11/2009 18:17	xCO2_SW	374.4606155	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/11/2009 18:17	xCO2_Air	383.0250248	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/12/2009 18:17	xCO2_SW	375.7619191	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/12/2009 18:17	xCO2_Air	384.4946584	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
9/13/2009 18:17	xCO2_SW	373.990265	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

9/13/2009 18:17	xCO2_Air	385.0680024	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/14/2009 18:17	xCO2_SW	374.1945844	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/14/2009 18:17	xCO2_Air	385.6192765	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/14/2009 21:17	xCO2_SW	375.2985038	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/14/2009 21:17	xCO2_Air	384.9567877	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/15/2009 21:17	xCO2_SW	376.6141196	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/15/2009 21:17	xCO2_Air	384.2346998	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/16/2009 15:17	xCO2_SW	374.8236279	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/16/2009 15:17	xCO2_Air	383.7285234	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/16/2009 18:17	xCO2_SW	375.6358982	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/16/2009 18:17	xCO2_Air	383.7111852	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/16/2009 21:17	xCO2_SW	376.1157239	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/16/2009 21:17	xCO2_Air	383.6581522	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/17/2009 18:17	xCO2_SW	374.8161055	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/17/2009 18:17	xCO2_Air	383.2545292	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/18/2009 18:17	xCO2_SW	375.7614924	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/18/2009 18:17	xCO2_Air	384.0665185	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/19/2009 15:17	xCO2_SW	375.8534824	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/19/2009 15:17	xCO2_Air	383.8548999	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/19/2009 18:17	xCO2_SW	376.5903305	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/19/2009 18:17	xCO2_Air	384.5795173	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/19/2009 21:17	xCO2_SW	376.9566388	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/19/2009 21:17	xCO2_Air	384.3957386	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/20/2009 15:17	xCO2_SW	376.5834808	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/20/2009 15:17	xCO2_Air	384.791495	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/20/2009 18:17	xCO2_SW	376.6752874	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/20/2009 18:17	xCO2_Air	384.7103704	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/21/2009 18:17	xCO2_SW	376.6515963	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/21/2009 18:17	xCO2_Air	383.9623135	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

9/22/2009 18:17	xCO2_SW	376.0526955	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/22/2009 18:17	xCO2_Air	383.9939701	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/22/2009 21:17	xCO2_SW	377.6932235	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/22/2009 21:17	xCO2_Air	384.4753311	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/23/2009 18:17	xCO2_SW	377.3004061	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/23/2009 18:17	xCO2_Air	384.4422709	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/24/2009 18:17	xCO2_SW	376.274138	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/24/2009 18:17	xCO2_Air	384.6190407	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/25/2009 21:17	xCO2_SW	373.9974289	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/25/2009 21:17	xCO2_Air	384.9139822	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/26/2009 15:17	xCO2_SW	373.7859749	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/26/2009 15:17	xCO2_Air	384.465097	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/28/2009 15:17	xCO2_SW	373.270556	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/28/2009 15:17	xCO2_Air	383.7194272	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/28/2009 18:17	xCO2_SW	373.5456264	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/28/2009 18:17	xCO2_Air	384.0602961	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/28/2009 21:17	xCO2_SW	374.881146	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/28/2009 21:17	xCO2_Air	383.8701981	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/29/2009 15:17	xCO2_SW	373.988938	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
9/29/2009 15:17	xCO2_Air	384.8708749	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/1/2009 18:17	xCO2_SW	376.5823351	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/1/2009 18:17	xCO2_Air	384.9614853	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/3/2009 18:17	xCO2_SW	377.992722	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/3/2009 18:17	xCO2_Air	384.4763664	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/3/2009 21:17	xCO2_SW	378.944524	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/3/2009 21:17	xCO2_Air	385.3086671	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/4/2009 18:17	xCO2_SW	377.6873432	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/4/2009 18:17	xCO2_Air	384.9765932	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/4/2009 21:17	xCO2_SW	379.0460462	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

10/4/2009 21:17	xCO2_Air	384.4644523	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/5/2009 15:17	xCO2_SW	377.9551837	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/5/2009 15:17	xCO2_Air	384.7805047	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/5/2009 18:17	xCO2_SW	380.1861575	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/5/2009 18:17	xCO2_Air	383.9526609	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/5/2009 21:17	xCO2_SW	381.7451515	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/5/2009 21:17	xCO2_Air	384.4325933	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/6/2009 18:17	xCO2_SW	379.470689	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/6/2009 18:17	xCO2_Air	382.9107621	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/6/2009 21:17	xCO2_SW	381.0941664	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/6/2009 21:17	xCO2_Air	383.3174679	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/7/2009 18:17	xCO2_SW	377.2545327	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/7/2009 18:17	xCO2_Air	385.3097004	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/7/2009 21:17	xCO2_SW	378.7688132	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/7/2009 21:17	xCO2_Air	384.6592122	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/9/2009 18:17	xCO2_SW	375.1556954	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/9/2009 18:17	xCO2_Air	385.381921	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/9/2009 21:17	xCO2_SW	375.9669515	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/9/2009 21:17	xCO2_Air	385.2934394	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/10/2009 15:17	xCO2_SW	375.3510482	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/10/2009 15:17	xCO2_Air	383.9874769	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/10/2009 18:17	xCO2_SW	376.9156443	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/10/2009 18:17	xCO2_Air	383.7217731	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/10/2009 21:17	xCO2_SW	378.185509	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/10/2009 21:17	xCO2_Air	384.3939397	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/11/2009 15:17	xCO2_SW	375.3331507	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/11/2009 15:17	xCO2_Air	383.1892519	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/11/2009 18:17	xCO2_SW	376.3396228	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/11/2009 18:17	xCO2_Air	384.0415538	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

10/12/2009 15:17	xCO2_SW	375.9619303	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/12/2009 15:17	xCO2_Air	383.2824763	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/12/2009 18:17	xCO2_SW	377.48861	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/12/2009 18:17	xCO2_Air	383.3151402	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/12/2009 21:17	xCO2_SW	379.5638906	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/12/2009 21:17	xCO2_Air	382.6061041	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/13/2009 15:17	xCO2_SW	376.0922076	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/13/2009 15:17	xCO2_Air	382.6791752	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/13/2009 18:17	xCO2_SW	381.2095123	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/13/2009 18:17	xCO2_Air	382.8184624	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/14/2009 15:17	xCO2_SW	375.1334262	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/14/2009 15:17	xCO2_Air	384.7326488	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/14/2009 18:17	xCO2_SW	381.0559195	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/14/2009 18:17	xCO2_Air	384.4196895	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/15/2009 15:17	xCO2_SW	375.3068963	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/15/2009 15:17	xCO2_Air	384.3240018	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/16/2009 18:17	xCO2_SW	374.7818157	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/16/2009 18:17	xCO2_Air	385.0167933	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/17/2009 15:17	xCO2_SW	374.204231	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/17/2009 15:17	xCO2_Air	382.8938161	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/17/2009 18:17	xCO2_SW	374.1762226	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/17/2009 18:17	xCO2_Air	384.7373809	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/18/2009 15:17	xCO2_SW	374.5726386	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/18/2009 15:17	xCO2_Air	384.109122	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/18/2009 18:17	xCO2_SW	375.5148125	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/18/2009 18:17	xCO2_Air	384.1052847	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/19/2009 15:17	xCO2_SW	376.7070607	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/19/2009 15:17	xCO2_Air	385.0266374	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/19/2009 18:17	xCO2_SW	376.5210239	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

10/19/2009 18:17	xCO2_Air	385.1877174	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/20/2009 15:17	xCO2_SW	376.0060442	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/20/2009 15:17	xCO2_Air	384.3275428	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/20/2009 18:17	xCO2_SW	376.7064054	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/20/2009 18:17	xCO2_Air	384.797907	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/21/2009 18:17	xCO2_SW	377.0902404	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/21/2009 18:17	xCO2_Air	384.3758581	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/22/2009 15:17	xCO2_SW	379.405955	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/22/2009 15:17	xCO2_Air	385.443207	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/22/2009 18:17	xCO2_SW	381.2390693	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/22/2009 18:17	xCO2_Air	385.4229878	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/23/2009 15:17	xCO2_SW	376.1221322	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/23/2009 15:17	xCO2_Air	384.8210813	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/24/2009 15:17	xCO2_SW	376.3614788	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/24/2009 15:17	xCO2_Air	384.1434381	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/25/2009 15:17	xCO2_SW	376.5550997	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/25/2009 15:17	xCO2_Air	385.0443204	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/25/2009 18:17	xCO2_SW	376.8850342	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/25/2009 18:17	xCO2_Air	384.3889226	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/26/2009 15:17	xCO2_SW	376.5903833	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/26/2009 15:17	xCO2_Air	384.9061692	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/26/2009 18:17	xCO2_SW	377.6413587	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/26/2009 18:17	xCO2_Air	384.9397565	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/27/2009 15:17	xCO2_SW	376.0899604	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/27/2009 15:17	xCO2_Air	384.9021586	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/27/2009 18:17	xCO2_SW	377.4553912	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/27/2009 18:17	xCO2_Air	384.9303074	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/27/2009 21:17	xCO2_SW	379.4564056	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
10/27/2009 21:17	xCO2_Air	383.7559034	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

10/29/2009 15:17	xCO2_SW	376.6372065	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/29/2009 15:17	xCO2_Air	384.3284055	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/29/2009 18:17	xCO2_SW	382.1494734	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/29/2009 18:17	xCO2_Air	384.6911719	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/30/2009 15:17	xCO2_SW	377.6524755	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/30/2009 15:17	xCO2_Air	385.1111824	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/30/2009 21:17	xCO2_SW	386.736071	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/30/2009 21:17	xCO2_Air	382.7365329	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/31/2009 15:17	xCO2_SW	381.4018402	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/31/2009 15:17	xCO2_Air	384.6694463	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/31/2009 18:17	xCO2_SW	395.6412131	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/31/2009 18:17	xCO2_Air	382.733746	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/31/2009 21:17	xCO2_SW	401.769907	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
10/31/2009 21:17	xCO2_Air	385.1416117	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/1/2009 18:17	xCO2_SW	393.0474121	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/1/2009 18:17	xCO2_Air	384.4253415	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/1/2009 21:17	xCO2_SW	393.766793	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/1/2009 21:17	xCO2_Air	383.9941734	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/2/2009 15:17	xCO2_SW	387.3797755	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/2/2009 15:17	xCO2_Air	384.28863	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/2/2009 18:17	xCO2_SW	391.4021274	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/2/2009 18:17	xCO2_Air	383.241016	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/2/2009 21:17	xCO2_SW	392.5027695	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/2/2009 21:17	xCO2_Air	382.9711115	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/3/2009 15:17	xCO2_SW	393.1269875	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/3/2009 15:17	xCO2_Air	383.9297761	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/4/2009 18:17	xCO2_SW	393.5749544	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/4/2009 18:17	xCO2_Air	384.3157985	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/4/2009 21:17	xCO2_SW	393.9997343	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

11/4/2009 21:17	xCO2_Air	384.1213515	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/5/2009 15:17	xCO2_SW	385.9371281	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/5/2009 15:17	xCO2_Air	383.7321176	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/6/2009 18:17	xCO2_SW	385.1521309	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/6/2009 18:17	xCO2_Air	384.8367002	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/7/2009 15:17	xCO2_SW	385.3863894	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/7/2009 15:17	xCO2_Air	384.1935456	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/7/2009 18:17	xCO2_SW	385.4538473	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/7/2009 18:17	xCO2_Air	383.786386	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/7/2009 21:17	xCO2_SW	384.5474427	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/7/2009 21:17	xCO2_Air	384.0413338	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/8/2009 15:17	xCO2_SW	382.6011867	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/8/2009 15:17	xCO2_Air	383.9035212	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/8/2009 21:17	xCO2_SW	383.1665453	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/8/2009 21:17	xCO2_Air	384.7329717	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/9/2009 15:17	xCO2_SW	383.698566	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/9/2009 15:17	xCO2_Air	383.5485814	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/9/2009 18:17	xCO2_SW	382.8568799	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/9/2009 18:17	xCO2_Air	384.5089985	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/10/2009 15:17	xCO2_SW	383.6001685	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/10/2009 15:17	xCO2_Air	384.525335	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/10/2009 18:17	xCO2_SW	384.661554	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/10/2009 18:17	xCO2_Air	384.5212959	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/11/2009 15:17	xCO2_SW	383.1701222	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/11/2009 15:17	xCO2_Air	384.1886823	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/11/2009 18:17	xCO2_SW	384.6395848	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/11/2009 18:17	xCO2_Air	384.2999489	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/12/2009 15:17	xCO2_SW	385.2044191	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/12/2009 15:17	xCO2_Air	383.4441759	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

11/12/2009 18:17	xCO2_SW	386.2667918	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/12/2009 18:17	xCO2_Air	383.8908531	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/13/2009 15:17	xCO2_SW	382.9159376	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/13/2009 15:17	xCO2_Air	383.5692355	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/13/2009 18:17	xCO2_SW	383.3783382	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/13/2009 18:17	xCO2_Air	384.516167	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/14/2009 15:17	xCO2_SW	383.2349391	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/14/2009 15:17	xCO2_Air	384.1550922	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/14/2009 18:17	xCO2_SW	384.9355458	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/14/2009 18:17	xCO2_Air	384.0693638	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/14/2009 21:17	xCO2_SW	385.3732709	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/14/2009 21:17	xCO2_Air	384.4746761	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/15/2009 15:17	xCO2_SW	382.7529153	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/15/2009 15:17	xCO2_Air	384.5588549	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/15/2009 18:17	xCO2_SW	382.7739734	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/15/2009 18:17	xCO2_Air	384.4751001	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/16/2009 15:17	xCO2_SW	382.4540247	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/16/2009 15:17	xCO2_Air	385.2662778	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/16/2009 18:17	xCO2_SW	385.9874742	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/16/2009 18:17	xCO2_Air	383.9797436	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/16/2009 21:17	xCO2_SW	387.1315267	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/16/2009 21:17	xCO2_Air	384.7293612	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/17/2009 18:17	xCO2_SW	389.5621228	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/17/2009 18:17	xCO2_Air	382.9094766	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/17/2009 21:17	xCO2_SW	392.0572492	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/17/2009 21:17	xCO2_Air	383.0928301	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/18/2009 18:17	xCO2_SW	386.1384711	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/18/2009 18:17	xCO2_Air	383.8823688	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/18/2009 21:17	xCO2_SW	385.5763775	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

11/18/2009 21:17	xCO2_Air	384.1068821	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/19/2009 3:17	xCO2_SW	384.2804526	3	CO2 data submitted was adjusted by - 4 ppm b/c span calibration was off as predicted by change in Licor temperature
11/19/2009 3:17	xCO2_Air	387.2613323	3	CO2 data submitted was adjusted by - 4 ppm b/c span calibration was off as predicted by change in Licor temperature
11/19/2009 15:17	xCO2_SW	380.5097001	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/19/2009 15:17	xCO2_Air	385.5334386	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/19/2009 18:17	xCO2_SW	382.3725933	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/19/2009 18:17	xCO2_Air	385.2507863	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/20/2009 15:17	xCO2_SW	380.1184822	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/20/2009 15:17	xCO2_Air	384.7709682	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/20/2009 18:17	xCO2_SW	381.0401718	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/20/2009 18:17	xCO2_Air	384.9203784	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/21/2009 15:17	xCO2_SW	380.5224317	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/21/2009 15:17	xCO2_Air	384.6419729	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/21/2009 18:17	xCO2_SW	386.1029536	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/21/2009 18:17	xCO2_Air	382.7878944	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/22/2009 15:17	xCO2_SW	382.1661412	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/22/2009 15:17	xCO2_Air	384.5881454	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/22/2009 18:17	xCO2_SW	386.7777156	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/22/2009 18:17	xCO2_Air	383.1661448	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/22/2009 21:17	xCO2_SW	389.9575134	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/22/2009 21:17	xCO2_Air	383.1567827	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/23/2009 18:17	xCO2_SW	389.9217515	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/23/2009 18:17	xCO2_Air	382.6881004	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/23/2009 21:17	xCO2_SW	390.9561132	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/23/2009 21:17	xCO2_Air	382.9034761	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/24/2009 15:17	xCO2_SW	380.4676316	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/24/2009 15:17	xCO2_Air	385.1675941	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/24/2009 21:17	xCO2_SW	383.1317257	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
11/24/2009 21:17	xCO2_Air	384.1602062	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

11/25/2009 12:17	xCO2_SW	380.4229137	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/25/2009 12:17	xCO2_Air	384.6816028	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/25/2009 15:17	xCO2_SW	379.4706765	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/25/2009 15:17	xCO2_Air	384.4513289	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/25/2009 18:17	xCO2_SW	380.1021769	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/25/2009 18:17	xCO2_Air	384.6423643	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/25/2009 21:17	xCO2_SW	381.2451553	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/25/2009 21:17	xCO2_Air	384.9306206	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/26/2009 18:17	xCO2_SW	380.5450993	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/26/2009 18:17	xCO2_Air	384.3371745	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/27/2009 15:17	xCO2_SW	378.5762008	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/27/2009 15:17	xCO2_Air	384.4660771	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/27/2009 18:17	xCO2_SW	379.9182728	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/27/2009 18:17	xCO2_Air	384.9420446	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/27/2009 21:17	xCO2_SW	381.3085603	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/27/2009 21:17	xCO2_Air	385.0942896	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/28/2009 15:17	xCO2_SW	379.1534227	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/28/2009 15:17	xCO2_Air	384.5376696	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/28/2009 18:17	xCO2_SW	381.1524853	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/28/2009 18:17	xCO2_Air	384.6948363	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/29/2009 15:17	xCO2_SW	379.0935968	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/29/2009 15:17	xCO2_Air	384.8018835	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/29/2009 18:17	xCO2_SW	379.1380612	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/29/2009 18:17	xCO2_Air	384.8016582	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/30/2009 15:17	xCO2_SW	379.6	4	likely bad CO2 sw and air measurement due to Licor
problem this cycle				
11/30/2009 15:17	xCO2_Air	384.7	5	likely bad CO2 sw and air measurement due to Licor
problem this cycle				
11/30/2009 18:17	xCO2_SW	379.8271695	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/30/2009 18:17	xCO2_Air	383.8049245	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
11/30/2009 21:17	xCO2_SW	380.6069366	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

11/30/2009 21:17	xCO2_Air	384.8259297	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/1/2009 18:17	xCO2_SW	380.2020329	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/1/2009 18:17	xCO2_Air	385.3803228	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/1/2009 21:17	xCO2_SW	380.56636	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/1/2009 21:17	xCO2_Air	385.3113714	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/2/2009 18:17	xCO2_SW	380.6383656	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/2/2009 18:17	xCO2_Air	384.1009689	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/2/2009 21:17	xCO2_SW	381.4850051	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/2/2009 21:17	xCO2_Air	384.3735419	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/3/2009 15:17	xCO2_SW	380.1563928	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/3/2009 15:17	xCO2_Air	384.3608193	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/3/2009 18:17	xCO2_SW	380.9587649	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/3/2009 18:17	xCO2_Air	384.6541459	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/4/2009 15:17	xCO2_SW	380.2704467	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/4/2009 15:17	xCO2_Air	385.4778873	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/4/2009 18:17	xCO2_SW	380.425725	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/4/2009 18:17	xCO2_Air	385.5607886	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/5/2009 15:17	xCO2_SW	380.6721172	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/5/2009 15:17	xCO2_Air	384.8683021	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/5/2009 21:17	xCO2_SW	382.8139734	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/5/2009 21:17	xCO2_Air	384.8087775	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/6/2009 12:17	xCO2_SW	383.1418909	3	CO2 data submitted was adjusted by - 2 ppm b/c span calibration was off as predicted by change in Licor temperature
12/6/2009 12:17	xCO2_Air	387.1034922	3	CO2 data submitted was adjusted by - 2 ppm b/c span calibration was off as predicted by change in Licor temperature
12/6/2009 15:17	xCO2_SW	380.6276932	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/6/2009 15:17	xCO2_Air	384.7646589	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/6/2009 18:17	xCO2_SW	383.0572831	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/6/2009 18:17	xCO2_Air	384.1914287	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/7/2009 15:17	xCO2_SW	380.7072366	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/7/2009 15:17	xCO2_Air	384.487069	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

12/8/2009 15:17	xCO2_SW	379.8671297	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/8/2009 15:17	xCO2_Air	384.7192299	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/8/2009 18:17	xCO2_SW	381.807025	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/8/2009 18:17	xCO2_Air	385.115959	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/8/2009 21:17	xCO2_SW	383.2091811	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/8/2009 21:17	xCO2_Air	384.8419217	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/9/2009 15:17	xCO2_SW	380.6173934	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/9/2009 15:17	xCO2_Air	385.2956518	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/9/2009 21:17	xCO2_SW	383.5022859	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/9/2009 21:17	xCO2_Air	384.2004744	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/10/2009 15:17	xCO2_SW	380.3529905	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/10/2009 15:17	xCO2_Air	384.7608955	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/12/2009 3:17	xCO2_SW	383.7203698	3	CO2 data submitted was adjusted by - 4 ppm b/c span calibration was off as predicted by change in Licor temperature
12/12/2009 3:17	xCO2_Air	387.5243941	3	CO2 data submitted was adjusted by - 4 ppm b/c span calibration was off as predicted by change in Licor temperature
12/12/2009 18:17	xCO2_SW	381.2209874	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/12/2009 18:17	xCO2_Air	385.5515065	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/13/2009 15:17	xCO2_SW	381.0204676	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/13/2009 15:17	xCO2_Air	384.8795086	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/13/2009 18:17	xCO2_SW	381.3042635	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/13/2009 18:17	xCO2_Air	385.3814713	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/14/2009 15:17	xCO2_SW	381.1370997	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/14/2009 15:17	xCO2_Air	385.6705701	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/15/2009 15:17	xCO2_SW	381.1840761	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/15/2009 15:17	xCO2_Air	384.8947414	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/15/2009 18:17	xCO2_SW	382.785258	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/15/2009 18:17	xCO2_Air	385.4619575	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/16/2009 15:17	xCO2_SW	382.0047281	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/16/2009 15:17	xCO2_Air	385.368965	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/16/2009 21:17	xCO2_SW	385.5312133	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

12/16/2009 21:17	xCO2_Air	384.2316405	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/17/2009 15:17	xCO2_SW	382.142816	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/17/2009 15:17	xCO2_Air	384.9737715	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/17/2009 18:17	xCO2_SW	387.2518906	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/17/2009 18:17	xCO2_Air	385.7910902	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/19/2009 15:17	xCO2_SW	380.9434675	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/19/2009 15:17	xCO2_Air	385.6362562	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/19/2009 18:17	xCO2_SW	380.0852821	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/19/2009 18:17	xCO2_Air	385.668904	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/20/2009 15:17	xCO2_SW	379.9557427	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/20/2009 15:17	xCO2_Air	384.9981908	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/20/2009 18:17	xCO2_SW	379.1500429	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/20/2009 18:17	xCO2_Air	384.7414429	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/21/2009 15:17	xCO2_SW	379.0905905	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/21/2009 15:17	xCO2_Air	384.8714261	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/21/2009 18:17	xCO2_SW	380.5913445	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/21/2009 18:17	xCO2_Air	385.1597732	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/21/2009 21:17	xCO2_SW	381.5432354	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/21/2009 21:17	xCO2_Air	384.8620755	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/22/2009 18:17	xCO2_SW	382.4584779	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/22/2009 18:17	xCO2_Air	385.5337626	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/22/2009 21:17	xCO2_SW	384.3745886	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/22/2009 21:17	xCO2_Air	384.3509292	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/23/2009 18:17	xCO2_SW	380.8585475	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/23/2009 18:17	xCO2_Air	385.8970661	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/23/2009 21:17	xCO2_SW	383.3922273	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/23/2009 21:17	xCO2_Air	386.3116275	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/24/2009 15:17	xCO2_SW	380.5295916	3	CO2 data submitted was adjusted by - 5 ppm b/c span calibration was off as predicted by change in Licor temperature
12/24/2009 15:17	xCO2_Air	386.743133	3	CO2 data submitted was adjusted by - 5 ppm b/c span calibration was off as predicted by change in Licor temperature

12/24/2009 18:17	xCO2_SW	382.7680697	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/24/2009 18:17	xCO2_Air	385.5016704	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/25/2009 15:17	xCO2_SW	380.9244032	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/25/2009 15:17	xCO2_Air	386.2977015	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/25/2009 18:17	xCO2_SW	382.3996462	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/25/2009 18:17	xCO2_Air	385.5128178	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/25/2009 21:17	xCO2_SW	384.6743507	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/25/2009 21:17	xCO2_Air	386.2709033	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/26/2009 18:17	xCO2_SW	384.0774437	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/26/2009 18:17	xCO2_Air	384.0346391	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/26/2009 21:17	xCO2_SW	385.9651038	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/26/2009 21:17	xCO2_Air	385.6456402	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/27/2009 15:17	xCO2_SW	387.0653215	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/27/2009 15:17	xCO2_Air	384.8024117	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/27/2009 18:17	xCO2_SW	388.6490276	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/27/2009 18:17	xCO2_Air	384.6177523	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/27/2009 21:17	xCO2_SW	390.403973	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/27/2009 21:17	xCO2_Air	385.5373049	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/28/2009 12:17	xCO2_SW	388.9421249	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/28/2009 12:17	xCO2_Air	384.1779019	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/28/2009 15:17	xCO2_SW	390.1160856	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/28/2009 15:17	xCO2_Air	383.853838	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/28/2009 18:17	xCO2_SW	394.3421208	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/28/2009 18:17	xCO2_Air	383.130812	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/28/2009 21:17	xCO2_SW	395.4142554	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/28/2009 21:17	xCO2_Air	383.550648	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/29/2009 15:17	xCO2_SW	394.6264948	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/29/2009 15:17	xCO2_Air	384.5456819	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
12/29/2009 18:17	xCO2_SW	395.2564971	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				

12/29/2009 18:17	xCO2_Air	384.1437563	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/29/2009 21:17	xCO2_SW	398.9222732	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/29/2009 21:17	xCO2_Air	384.3455706	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/30/2009 15:17	xCO2_SW	393.480517	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/30/2009 15:17	xCO2_Air	384.7564091	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/30/2009 18:17	xCO2_SW	397.5599419	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/30/2009 18:17	xCO2_Air	384.1419148	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/31/2009 15:17	xCO2_SW	394.2171563	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/31/2009 15:17	xCO2_Air	384.516569	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/31/2009 18:17	xCO2_SW	398.7661986	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/31/2009 18:17	xCO2_Air	383.5206312	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/31/2009 21:17	xCO2_SW	404.6687523	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
12/31/2009 21:17	xCO2_Air	383.6539744	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/1/2010 15:17	xCO2_SW	397.9490774	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/1/2010 15:17	xCO2_Air	384.313963	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/2/2010 15:17	xCO2_SW	397.1755847	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/2/2010 15:17	xCO2_Air	384.4336431	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/2/2010 18:17	xCO2_SW	399.3544076	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/2/2010 18:17	xCO2_Air	384.2828749	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/2/2010 21:17	xCO2_SW	402.0181179	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/2/2010 21:17	xCO2_Air	383.6086662	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/3/2010 15:17	xCO2_SW	398.2530058	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/3/2010 15:17	xCO2_Air	385.000871	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/3/2010 18:17	xCO2_SW	402.1036639	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/3/2010 18:17	xCO2_Air	384.8661988	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/3/2010 21:17	xCO2_SW	405.5875931	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/3/2010 21:17	xCO2_Air	385.0704544	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/4/2010 18:17	xCO2_SW	406.1645423	3	likely bad CO2 sw and air measurement due to Licor problem this cycle
1/4/2010 18:17	xCO2_Air	384.4283873	3	likely bad CO2 sw and air measurement due to Licor problem this cycle

1/4/2010 21:17 xCO2_SW problem this cycle	406.1172212	3	likely bad CO2 sw and air measurement due to Licor
1/4/2010 21:17 xCO2_Air problem this cycle	383.3769221	3	likely bad CO2 sw and air measurement due to Licor
1/5/2010 18:17 xCO2_SW problem this cycle	403.0295027	3	likely bad CO2 sw and air measurement due to Licor
1/5/2010 18:17 xCO2_Air problem this cycle	384.9788109	3	likely bad CO2 sw and air measurement due to Licor
1/5/2010 21:17 xCO2_SW problem this cycle	405.6666267	3	likely bad CO2 sw and air measurement due to Licor
1/5/2010 21:17 xCO2_Air problem this cycle	384.8713351	3	likely bad CO2 sw and air measurement due to Licor
1/6/2010 21:17 xCO2_SW problem this cycle	401.2703474	3	likely bad CO2 sw and air measurement due to Licor
1/6/2010 21:17 xCO2_Air problem this cycle	385.4171213	3	likely bad CO2 sw and air measurement due to Licor
1/7/2010 12:17 xCO2_SW problem this cycle	399.0885087	3	likely bad CO2 sw and air measurement due to Licor
1/7/2010 12:17 xCO2_Air problem this cycle	384.9241318	3	likely bad CO2 sw and air measurement due to Licor
1/7/2010 15:17 xCO2_SW problem this cycle	398.5557296	3	likely bad CO2 sw and air measurement due to Licor
1/7/2010 15:17 xCO2_Air problem this cycle	384.325867	3	likely bad CO2 sw and air measurement due to Licor
1/8/2010 15:17 xCO2_SW problem this cycle	398.6106878	3	likely bad CO2 sw and air measurement due to Licor
1/8/2010 15:17 xCO2_Air problem this cycle	384.9260533	3	likely bad CO2 sw and air measurement due to Licor
1/9/2010 18:17 xCO2_SW problem this cycle	400.0166297	3	likely bad CO2 sw and air measurement due to Licor
1/9/2010 18:17 xCO2_Air problem this cycle	384.8252536	3	likely bad CO2 sw and air measurement due to Licor
1/9/2010 21:17 xCO2_SW problem this cycle	402.9583839	3	likely bad CO2 sw and air measurement due to Licor
1/9/2010 21:17 xCO2_Air problem this cycle	385.1009295	3	likely bad CO2 sw and air measurement due to Licor
1/11/2010 18:17 xCO2_SW Licor problem this cycle	398.7921297	3	likely bad CO2 sw and air measurement due to
1/11/2010 18:17 xCO2_Air Licor problem this cycle	385.8404096	3	likely bad CO2 sw and air measurement due to
1/12/2010 15:17 xCO2_SW Licor problem this cycle	396.2618784	3	likely bad CO2 sw and air measurement due to
1/12/2010 15:17 xCO2_Air Licor problem this cycle	385.4050431	3	likely bad CO2 sw and air measurement due to
1/12/2010 18:17 xCO2_SW Licor problem this cycle	396.9371265	3	likely bad CO2 sw and air measurement due to
1/12/2010 18:17 xCO2_Air Licor problem this cycle	385.063851	3	likely bad CO2 sw and air measurement due to
1/12/2010 21:17 xCO2_SW Licor problem this cycle	397.9004194	3	likely bad CO2 sw and air measurement due to
1/12/2010 21:17 xCO2_Air Licor problem this cycle	385.1549694	3	likely bad CO2 sw and air measurement due to
1/13/2010 15:17 xCO2_SW Licor problem this cycle	396.7445007	3	likely bad CO2 sw and air measurement due to
1/13/2010 15:17 xCO2_Air Licor problem this cycle	384.4249547	3	likely bad CO2 sw and air measurement due to
1/13/2010 18:17 xCO2_SW Licor problem this cycle	397.0105024	3	likely bad CO2 sw and air measurement due to

1/13/2010 18:17	xCO2_Air	384.7135295	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/14/2010 18:17	xCO2_SW	395.2204259	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				
1/14/2010 18:17	xCO2_Air	385.4019601	3	likely bad CO2 sw and air measurement due to
Licor problem this cycle				