

Weeks Bay (WKB) NERR Meteorological Metadata
January – December 2005
First submission: **October 19, 2023**

I. Data Set & Research Descriptors

1) Principal investigator & contact persons:

Contact Persons:

L. G. Adams, Manager, lgadams@dcnr.alabama.gov

Scott Phipps, Research Coordinator, sphipp@dcnr.alabama.gov

Jennifer Vaughn, Research Technician, Jennifer.vaughn@dcnr.alabama.gov

Address:

Weeks Bay NERR
11300 U.S. Hwy 98
Fairhope, AL 36532
ph: (334) 928-9792

2) Entry verification

a) Data Input Procedures:

The 15-minute, 1-hour, and 24-hour data were downloaded from each instrument on the weather station to a Campbell Scientific CR10X datalogger. The CDMO Data Logger Program was loaded into the CR10X and controls the sensors and data collection schedule (see 2b of the Entry Verification section for the data collection schedule). The CR10X then interfaced with the Campbell SM4M memory module for long-term data storage. These data are uploaded periodically to a lab computer and archived.

These data are also converted to graphic representation and posted on the Internet at <http://castnet.mobilebaynep.com/monitoringdata/default.asp> hourly with the cooperation of the Mobile Bay NEP and the Dauphin Island Sea Lab.

At the end of the year the composite data file was opened in Microsoft

Excel for pre-processing with the EQWin format macro that was developed by the CDMO to insert a date column (mm/dd/yyyy), insert station codes, correct the time column format, and reformat the data to the appropriate number of decimal places. The pre-processed file was then copied into an EQWin weather.eqi file where the data was QA/QC checked and archived into a database. EQWin queries, reports and graphs are used to discover data set outliers (values which fall outside the range that the instrument is designed to measure) and large changes in the data. EQWin is also used to generate statistics, view graphs, create customized queries and finally export the data to the CDMO. Any anomalous data are investigated and noted below is the Anomalous/Suspect Data Section. Any data corrections that were performed are noted in the Deleted Data Section. Missing data due to probe failure or other reason are noted in the missing data section.

b) Error checking criteria

Air Temp:

- Sample not greater than 50 degrees Celsius
- Sample not less than -10 degrees Celsius
- 15 minute averages not greater than the max for the day
- 15 minute averages not less than the min for the day

Relative Humidity:

- Sample not greater than 103 percent humidity
- Sample not less than 0 percent humidity
- 15 minute averages not greater than the max for the day
- 15 minute averages not less than the min for the day

Precipitation:

- 15 minute total not greater than 5 millimeters

Solar Radiation (PAR)

- 15 minute total not greater than 5000 millimoles per meter squared
- 15 minute total not less than -2.214 millimoles per meter squared

Wind Speed:

- Wind speed greater than 30 m/s
- Wind speed less than .5 m/s for 12 hours consecutively

Wind Direction:

- Wind direction not greater than 360 degrees
- Wind direction not less than 0 degrees

Pressure:

- Pressure greater than 1060 mb or less than 900 mb
- Pressure changes greater than 5 mb per hour
- 15 minute averages not greater than the max for the day
- 15 minute averages not less than the min for the day

Time:

- 15-minute interval recorded

For all data:

- Duplicate interval data

3) Research objectives:

The principle objective is to record long-term meteorological data for Weeks Bay in order to 1) observe any environmental changes or trends over time, 2) use as a reference for research projects at the reserve, and 3) give meteorological context to our half-hour SWMP water quality data.

4) Research methods:

The Campbell Scientific weather station samples every 5 seconds to produce fifteen minute (array 15), hourly (array 60) and daily (array 144) averages. Maximum and minimum values with there corresponding times are also recorded.

Parameters measured are air temperature, relative humidity, barometric pressure, rainfall, wind speed and wind direction. An instantaneous sample is taken every 15 minutes and assigned to array 15. Periodically, sensors on the weather station are inspected for damage or debris. If any is found, it is repaired and/or cleaned. Sensors are removed and calibrated on an annual or bi-annual basis. The sensors and tower were obtained in the fall of 1996. However the sensors were not installed until the fall of 1998. Sensors were last calibrated in 2003. There were no other analyses done on the meteorological data at present.

5) Site location and character:

The Weeks Bay National Estuarine Research Reserve is located near the Gulf coast, southeast of the city of Fairhope, Alabama. Weeks Bay (30 23' N, 87 50' W) is a small, shallow, microtidal sub-estuary, located on the eastern shore of Mobile Bay in the northern Gulf of Mexico. The bay is nearly diamond shaped, and its longitudinal axis (3.4 km long) runs nearly north-south from the head, where the Fish River flows in, to the mouth, where water is exchanged with Mobile Bay. Its widest point (3.1 km) is located near the center of the estuary, where the Magnolia River discharges into eastern side of Weeks Bay. Average depth is 1.4 m, although there are two areas where depths are significantly greater. The first is in the mouth of the bay, where the average depth is 6 m; the second is about 100 m upstream of the mouth of the Fish River, where the average depth is 3.5 m. Tides are principally diurnal, and have a mean range of 0.4 m.

The Fish River drainage basin encompasses 14300 hectares and contributes approximately 73% to the total incoming freshwater flow with the Magnolia River supplying the rest. Mean combined discharge is 9 cubic meters per second; although freshets up to 4 times larger occur throughout the year. These characteristics result in a freshwater residence time of 13 days under average discharge conditions, with a range from 0.5 to 100 days. Salinity in Weeks Bay varies substantially both temporally and spatially. During periods of high flow in the river, salinity in the bay may be fresh from the head to the mouth, except in the deeper holes of the estuary that are not as easily flushed. However, during periods of low flow in the river, wind velocity and tidal stage are strong factors influencing salinity structure. Salinity greater than 25 ppt is infrequently observed in Weeks Bay and is usually restricted to the southern portion of the estuary near the mouth.

The weather station is located on a reserve owned pier (lat 30 deg 24.89'N, long 87 deg 49.56'W) just south of the highway 98 bridge, on the west side of the mouth of the Fish River. Wind sentry, tipping bucket rain gauge, temperature/RH probe, Li-Cor quantum sensor and barometric pressure sensor are mounted along an aluminum tower between 4.8 and 7.6 meters above water surface. Approximately 100 meters upstream is a YSI datalogger deployment site for the continuous monitoring of water quality.

6) Data collection period:

Weather data has been collected from January 1, 2001 through December 31, 2005.

This metadata is applicable only to data collected from January 1, 2005 through December 31, 2005.

7) Distribution

According to the Ocean and Coastal Resource Management Data Dissemination Policy for the NERRS System-wide Monitoring Program, NOAA/ERD retains the right to analyze, synthesize and publish summaries of the NERRS System-wide Monitoring Program data. The PI retains the right to be fully credited for having collected and processed the data. Following academic courtesy standards, the PI and NERR site where the data were collected will be contacted and fully acknowledged in any subsequent publications in which any part of the data are used. Manuscripts resulting from the NOAA/OCRM supported research that are produced for publication in open literature, including refereed scientific journals, will acknowledge that the research was conducted under an award from the Estuarine Reserves Division, Office of Ocean and Coastal Resource Management, National Ocean Service, National Oceanic and Atmospheric Administration. The data set enclosed within this package/transmission is only as good as the quality assurance/quality control procedures outlined by the enclosed metadata reporting statement. The user bears all responsibility for its subsequent use/misuse in any further analyses or comparisons. The Federal government does not assume liability to the Recipient or third persons, nor will the Federal government reimburse or indemnify the Recipient for its liability due to any losses resulting in any way from the use of this data.

NERR weather data and metadata can be obtained from the Research Coordinator at the individual NERR site (please see Section 1 Principal investigators and contact persons), from the Data Manager at the Centralized Data Management Office (please see personnel directory under the general information link on the CDMO home page) and online at the CDMO home page <http://cdmo.baruch.sc.edu> Data are available in text format and Excel data tables.

8) Associated researchers and projects:

The Geological Survey of Alabama, in cooperation with the United States Geological Survey, maintains two rain gauges within the Weeks Bay watershed. One is located at the highway 98 Magnolia River overpass; the other is located at the highway 104 Fish River overpass.

The following researchers have directly requested and received meteorological data generated from the Weeks Bay weather station for use as either primary or ancillary information significant to their respective projects.

Mastioff, Gerald. Case Western Reserve University. Erosion and transport of fine sediments from watersheds tributary to NERR estuaries.

Chin, Yu-Ping. Ohio State University. Distribution and phototransformation of non-point source agricultural pesticides in freshwater and marine NERR wetlands.

Caffrey, Jane. University of West Florida. Modeling estuarine ecosystem trophic status using continuous nitrate and water quality data.

Landers, Stephen. Troy State University. Environmental factors affecting the distribution and abundance of the benthic protozoological assemblages in Weeks Bay NERR.

Wilson, Chris. Case Western Reserve University. The movement of sediment and radionuclide through Weeks Bay NERR.

II. Physical Structure Descriptors

9) Sensor specifications, operating range, accuracy, date of last calibration

Parameter: Photosynthetically Active Radiation (PAR)

Units: micro-moles per square meter

Sensor type: Li-Cor Quantum Sensor

Model # LI190SB High stability silicon photovoltaic detector (blue enhanced)

Stability: $<\pm 2\%$ change over 1 yr

Operating Temperature: -40 to 65°C

Sensitivity: typically $5\ \mu\text{A}$ per $1000\ \mu\text{moles s}^{-1}\text{ m}^{-2}$

Light spectrum wavelength: 400 to $700\ \text{nm}$

Calibration dates: 4/19/05

Parameters: Wind Speed and Wind Direction

Units: Wind speed - meter per second (m/s); Wind direction – degrees (?)

Sensor type: Campbell Scientific Wind Sentry Set

Model # 03001

Range: 0 - $50\ \text{m/s}$; 360° mechanical

Date of last calibration: 04/18/03

Parameters: Temperature and Relative Humidity
Units: Celsius for temperature and percent for relative humidity
Sensor type: Campbell Scientific
Model #: HMP45C
Operating Temperature: -40-+60°C
Temperature Measurement Range: -40 to +60°C
Temperature Accuracy: ± 0.2 °C @ 20°C
Relative Humidity Measurement Range: 0-100% non-condensing
RH Accuracy: at 20°C: $\pm 2\%$ RH(0-90%) and $\pm 3\%$ (90-100%)
Temperature dependence of RH measurement: $\pm 0.05\%$ RH/°C
Date of Last calibration: 01/20/05

Parameter: Barometric Pressure
Units: millibars (mb)
Sensor type: Campbell Scientific Analog Barometer
Model # CS-105
Operating Range: Pressure – 600-1060 mb
Temperature: -40-+60C
Humidity: non-condensing
Accuracy: ± 0.5 to 6.0 mb (+20-60C)
Stability: ± 0.1 mb per year
Date of Last calibration: 01/20/05

Parameter: Precipitation
Units: millimeters (mm)
Sensor type: Tipping Bucket Rain Gauge
Model #: TE 525
Range: 0.1 mm
Accuracy: 1.0% at <2 " /hr
Date of Last calibration: 06/20/04

10) Coded variable indicator and variable code definitions:

wkbwbmet = weeks bay weather station meteorological data, WB= Weeks Bay.

11) Anomalous/Suspect Data:

Arrays:

During 2022 all pre-2007 weather data were revisited by the CDMO. Historically those datasets included 15 minute, hourly (60), and daily data arrays (144). As directed by the NERRS Data Management Committee, the CDMO removed the hourly and daily data arrays leaving only the 15 minute data to make the entire NERRS SWMP weather dataset consistent in its reporting. All references to the 60 and 144 arrays were left in the metadata document as they may still provide valuable information, but users should be aware that they are largely no longer relevant. The updated datasets were uploaded to the database and made available through the various data applications at www.nerrsdata.org/get/landing.cfm throughout the fall of 2022.

General comments:

1. Rainfall differences of over 5mm between 15minute samples can occur during heavy rains and are common to this site.

2. Relative humidity differences greater than 25% between 15 minute samples are not unusual with frontal passages and are usually associated with wind shifts.

3. Air temp differences between 15 minute samples greater than 3 degrees are not unusual with frontal passages and are usually associated with wind shifts.

4. Wind speed of less than 0.5 m/s are not uncommon for this site.

5. Relative humidity at or near 100% can occur at this site. Reported values up to 103% are within the accuracy range of sensor.

6. PAR: Negative PAR data have been observed during the night; small negative values are within range of the sensor and are due to normal errors in the sensor and the CR10X Datalogger. The Maximum signal noise error for the Licor sensor is +/- 2.214 mmol/m² over a 15 minute interval. The data record contains negative readings to -0008.5. These data less than -2.214 are thought to be caused by calibration drift and have been retained.

7. March 31 to April 1: a rainfall event occurred that was one of the greatest ever recorded for a non-tropical storm. Our rain gauge and other rain gauges in the area recorded between 300 and 425 mm of rain over 24 hours. **CDMO edit: Prior to 10/19/2023 this amount was noted incorrectly as inches in the comments.**

8. Hurricanes/Tropical Storms:

Several Tropical storms and hurricanes affected data collected at Weeks Bay during the year 2005. Storms that came close to the Reserve during 2005 are listed below:

TS Arlene 8-13 June

H Cindy 3-7 July

H Dennis 4-13 July

H Katrina 23-30 August

H Rita 17-24 September

TS Tammy 5-6 October

During these events, greater than normal rainfall and wind speed are to be expected and large drops in barometric pressure are often recorded.

12) Deleted data:

Arrays:

During 2022 all pre-2007 weather data were revisited by the CDMO. Historically those datasets included 15 minute, hourly (60), and daily data arrays (144). As directed by the NERRS Data Management Committee, the CDMO removed the hourly and daily data arrays leaving only the 15 minute data to make the entire NERRS SWMP weather dataset consistent in its reporting. All references to the 60 and 144 arrays were left in the metadata document as they may still provide valuable information, but users should be aware that they are largely no longer relevant. The updated datasets were uploaded to the database and made available through the various data applications at www.nerrsdata.org/get/landing.cfm throughout the fall of 2022.

January 2005:

All PAR sensor data were deleted due to a malfunctioning sensor. This sensor was removed on 1/20/05 and returned to the factory for repair/recalibration. It was returned and replaced on 4/19/05 at 0700. Both the malfunctioning probe data and the probe missing data (-99999) were deleted.

On 1/20/05, the temp/RH sensor and the barometric pressure sensor were replaced and were apparently mis-wired. This mistake was rectified on 1/24/05. All data from 1/20/05 at 1430 to 1/24/05 at 1145 were deleted for array 15. All data from arrays 144 and 60 were deleted for these dates as well.

February 2005:

All PAR data were deleted – see below January missing data section

March 2005:

All PAR data were deleted – see below January missing data section

April 2005:

PAR data were deleted until 4/19/05 – see below January missing data section

May 2005: None

June 2005: None

July 2005: none

August 2005:

Hurricane Katrina caused intense storm surge flooding that destroyed the dock to which the tipping bucket rain gauge was attached. No data were recorded after 5 am on the 29th. A new rain gauge was installed on 9/16/05 but it was not attached to the CR10X datalogger. Rainfall data recorded from 9/16/05 to the end of the year are found in the appendix at the end of this document. These data can be acquired electronically from the research coordinator at the Reserve: scott.phipps@dcnr.alabama.gov or phone: 251-928-9792.

September 2005: See above (August) for rainfall data.

October 2005: See above for rainfall data

November 2005: See above for rainfall data

December 2005: See above for rainfall data

13) Missing data

Arrays:

During 2022 all pre-2007 weather data were revisited by the CDMO. Historically those datasets included 15 minute, hourly (60), and daily data arrays (144). As directed by the NERRS Data Management Committee, the CDMO removed the hourly and daily data arrays leaving only the 15 minute data to make the entire NERRS SWMP weather dataset consistent in its reporting. All references to the 60 and 144 arrays were left in the metadata document as they may still provide valuable information, but users should be aware that they are largely no longer relevant. The updated datasets were uploaded to the database and made available through the various data applications at www.nerrsdata.org/get/landing.cfm throughout the fall of 2022.

January 2005: PAR sensor was removed on 1/20/05 and returned to the factory for repair/recalibration. It was returned and replaced on 4/19/05 at 0700. Both the malfunctioning probe data and the probe missing data (-99999.9) were deleted (see above deleted data section).

February 2005:

All PAR data were deleted – see below January missing data section

March 2005:

All PAR data were deleted – see below January missing data section

April 2005:

All data from 4/19/05 at 615 till 4/22/05 at 2315 are missing due to data storage failure.

PAR data were deleted until 4/19/05 – see below January missing data section

May 2005: None

June 2005: None

July 2005: None

August 2005: Hurricane Katrina caused intense storm surge flooding that destroyed the dock to which the tipping bucket rain gauge was attached. No data were recorded after 5 am on the 29th. A new rain gauge was installed on 9/16/05 but it was not attached to the CR10X datalogger. Rainfall data recorded from 9/16/05 to the end of the year are found in the appendix at the end of this document. These data can be acquired electronically from the research coordinator at the Reserve: scott.phipps@dcnr.alabama.gov or phone: 251-928-9792.

September 2005: See above (August) for rainfall data.

October 2005: See above for rainfall data

November 2005: See above for rainfall data

December 2005: See above for rainfall data

14) Other Remarks/notes

On 10/19/2023 this dataset was updated to include embedded QAQC flags for anomalous/suspect data.

System-wide monitoring data beginning in 2007 were processed to allow for QAQC flags and codes to be embedded in the data files rather than detailed in the metadata alone (as in the anomalous/suspect, deleted, and missing data sections above). Prior to 2007, rejected data were deleted from the dataset so they are unavailable to be used at all, but suspect data were only noted in the metadata document. Suspect data flags <1> were embedded retroactively in order to allow suspect data to be easily identified and filtered from the dataset if desired for analysis and reporting purposes. No other flags or codes were embedded in the dataset and users should still refer to the detailed explanations above for more information.

Arrays:

During 2022 all pre-2007 weather data were revisited by the CDMO. Historically those datasets included 15 minute, hourly (60), and daily data arrays (144). As directed by the NERRS Data Management Committee, the CDMO removed the hourly and daily data arrays leaving only the 15 minute data to make the entire

NERRS SWMP weather dataset consistent in its reporting. All references to the 60 and 144 arrays were left in the metadata document as they may still provide valuable information, but users should be aware that they are largely no longer relevant. The updated datasets were uploaded to the database and made available through the various data applications at www.nerrsdata.org/get/landing.cfm throughout the fall of 2022.

Precipitation:

During the initial years of NERRS SWMP weather data collection the CR10X programming was inconsistent in how precipitation values were recorded. For most reserves, zeros were not recorded when rainfall had not occurred between 2001-2003, instead no rainfall was represented by a blank cell. The CDMO verified which datasets were impacted by this issue for the 2001-2006 datasets and inserted zeros when the metadata indicated that no precipitation occurred and data were not missing for other reasons. In some cases, zero values for precipitation data were evaluated and removed where the metadata confirmed that no rainfall should have been in the dataset. The pre-2007 data did not go through a thorough QAQC process again at that time (in addition to previous QAQC); however, if discrepancies were noticed between what was documented in the metadata and what was in the dataset, additional updates may have been made. The updated datasets were uploaded to the database and made available through the various data applications at www.nerrsdata.org/get/landing.cfm throughout early 2023.

Appendix: Rainfall data from 9/16/05 to 12/31/05 are found in the table below.

Date/Time	rainfall (mm)
09/21/05 22:39:00.0	0.254
09/22/05 15:24:18.5	0.254
09/22/05 15:25:35.5	0.254
09/22/05 15:26:37.5	0.254
09/22/05 20:49:12.0	0.254
09/23/05 08:20:52.0	0.254
09/23/05 09:45:32.5	0.254
09/23/05 11:52:26.5	0.254
09/23/05 11:52:43.5	0.254
09/23/05 11:52:59.0	0.254
09/23/05 11:53:23.5	0.254
09/23/05 13:32:42.5	0.254
09/23/05 13:45:08.5	0.254
09/23/05 13:45:25.0	0.254
09/23/05 13:45:38.5	0.254
09/23/05 13:46:04.5	0.254
09/23/05 16:07:44.0	0.254
09/23/05 16:12:50.0	0.254
09/23/05 16:17:58.5	0.254
09/23/05 16:20:03.5	0.254
09/23/05 16:21:54.5	0.254
09/23/05 16:27:24.0	0.254
09/23/05 16:29:50.0	0.254
09/23/05 16:35:27.0	0.254
09/23/05 16:36:11.5	0.254
09/23/05 16:39:10.5	0.254
09/23/05 16:55:23.5	0.254
09/23/05 16:57:20.0	0.254
09/23/05 17:11:52.0	0.254

09/23/05 17:12:11.5	0.254
09/23/05 17:12:26.0	0.254
09/23/05 17:12:39.0	0.254
09/23/05 17:12:51.5	0.254
09/23/05 17:13:05.0	0.254
09/23/05 17:13:19.0	0.254
09/23/05 17:13:30.0	0.254
09/23/05 17:13:43.5	0.254
09/23/05 17:13:58.5	0.254
09/23/05 17:14:21.0	0.254
09/23/05 17:15:09.5	0.254
09/23/05 17:16:18.5	0.254
09/23/05 18:45:51.0	0.254
09/23/05 18:49:27.5	0.254
09/23/05 18:50:22.5	0.254
09/23/05 20:47:55.5	0.254
09/23/05 20:48:51.0	0.254
09/23/05 20:49:40.0	0.254
09/23/05 20:49:54.0	0.254
09/23/05 20:50:11.5	0.254
09/23/05 20:50:23.0	0.254
09/23/05 20:50:35.0	0.254
09/23/05 20:50:45.5	0.254
09/23/05 20:50:58.5	0.254
09/23/05 20:51:12.5	0.254
09/23/05 20:54:53.0	0.254
09/23/05 21:25:23.0	0.254
09/23/05 21:26:35.5	0.254
09/23/05 21:48:53.0	0.254
09/23/05 21:58:55.0	0.254
09/23/05 22:13:10.0	0.254
09/23/05 22:13:57.0	0.254
09/23/05 22:14:12.5	0.254
09/23/05 22:14:25.5	0.254
09/23/05 22:14:35.5	0.254
09/23/05 22:14:54.0	0.254
09/23/05 22:15:11.0	0.254
09/23/05 22:17:45.5	0.254
09/23/05 22:21:59.5	0.254
09/23/05 22:24:56.5	0.254
09/23/05 22:26:38.5	0.254
09/23/05 22:27:00.0	0.254
09/23/05 22:27:22.5	0.254
09/23/05 22:27:36.5	0.254
09/23/05 22:27:47.5	0.254
09/23/05 22:28:22.0	0.254
09/23/05 22:32:53.5	0.254
09/23/05 22:38:28.0	0.254
09/23/05 22:39:04.0	0.254
09/23/05 22:44:10.5	0.254

09/23/05 22:45:31.0	0.254
09/23/05 22:46:36.0	0.254
09/23/05 22:49:34.5	0.254
09/23/05 22:50:01.5	0.254
09/23/05 22:50:12.5	0.254
09/23/05 22:50:26.5	0.254
09/23/05 22:51:02.0	0.254
09/23/05 22:52:31.0	0.254
09/23/05 22:53:20.0	0.254
09/23/05 22:54:04.5	0.254
09/23/05 22:54:18.5	0.254
09/23/05 22:54:36.5	0.254
09/23/05 22:54:47.0	0.254
09/23/05 22:55:03.0	0.254
09/23/05 22:55:08.5	0.254
09/23/05 22:55:16.5	0.254
09/23/05 22:55:24.0	0.254
09/23/05 22:55:31.5	0.254
09/23/05 22:55:38.0	0.254
09/23/05 22:55:44.5	0.254
09/23/05 22:55:53.5	0.254
09/23/05 22:56:02.5	0.254
09/23/05 22:56:19.5	0.254
09/23/05 22:56:32.5	0.254
09/23/05 22:56:41.5	0.254
09/23/05 22:56:52.5	0.254
09/23/05 22:57:00.5	0.254
09/23/05 22:57:11.0	0.254
09/23/05 22:57:21.5	0.254
09/23/05 22:57:31.5	0.254
09/23/05 22:57:41.0	0.254
09/23/05 22:57:55.0	0.254
09/23/05 22:58:48.0	0.254
09/23/05 23:14:24.5	0.254
09/23/05 23:15:12.0	0.254
09/23/05 23:15:47.5	0.254
09/23/05 23:38:56.0	0.254
09/24/05 01:39:33.0	0.254
09/24/05 02:28:44.0	0.254
09/24/05 02:32:22.0	0.254
09/24/05 02:38:16.0	0.254
09/24/05 03:51:17.5	0.254
09/24/05 03:54:11.5	0.254
09/24/05 03:54:50.0	0.254
09/24/05 03:55:13.0	0.254
09/24/05 03:55:34.0	0.254
09/24/05 03:56:04.0	0.254
09/24/05 04:07:24.0	0.254
09/24/05 04:08:03.0	0.254
09/24/05 04:12:06.5	0.254

09/24/05 04:34:39.0	0.254
09/24/05 05:29:15.5	0.254
09/24/05 05:31:24.5	0.254
09/24/05 05:39:48.5	0.254
09/24/05 05:40:37.0	0.254
09/24/05 05:44:08.0	0.254
09/24/05 11:47:33.0	0.254
09/24/05 12:08:43.5	0.254
09/24/05 12:16:48.0	0.254
09/24/05 12:23:24.5	0.254
09/24/05 13:16:51.5	0.254
09/24/05 13:21:14.0	0.254
09/24/05 15:22:35.0	0.254
09/24/05 19:55:40.5	0.254
09/24/05 19:56:48.5	0.254
09/24/05 19:57:48.0	0.254
09/24/05 19:58:32.5	0.254
09/24/05 19:59:27.0	0.254
09/24/05 20:00:18.0	0.254
09/24/05 20:01:07.5	0.254
09/24/05 20:01:33.0	0.254
09/24/05 20:02:40.0	0.254
09/24/05 20:05:04.5	0.254
09/24/05 20:10:05.0	0.254
09/24/05 20:10:15.5	0.254
09/24/05 20:10:25.0	0.254
09/24/05 20:10:32.5	0.254
09/24/05 20:10:42.5	0.254
09/24/05 20:10:59.0	0.254
09/24/05 20:11:17.5	0.254
09/24/05 20:11:35.0	0.254
09/24/05 20:11:55.5	0.254
09/24/05 20:12:07.0	0.254
09/24/05 20:12:18.5	0.254
09/24/05 20:12:30.5	0.254
09/24/05 20:12:41.5	0.254
09/24/05 20:12:52.0	0.254
09/24/05 20:13:05.0	0.254
09/24/05 20:13:16.0	0.254
09/24/05 20:13:30.5	0.254
09/24/05 20:13:45.5	0.254
09/24/05 20:14:12.0	0.254
09/24/05 20:14:38.5	0.254
09/24/05 20:26:27.5	0.254
09/24/05 20:27:11.5	0.254
09/24/05 20:31:24.5	0.254
09/24/05 20:31:57.5	0.254
09/24/05 20:32:13.5	0.254
09/24/05 20:32:26.0	0.254
09/24/05 20:41:22.5	0.254

09/24/05 20:44:22.5	0.254
09/24/05 20:45:08.0	0.254
09/24/05 21:22:03.5	0.254
09/24/05 21:32:23.0	0.254
09/24/05 22:09:49.5	0.254
09/25/05 00:30:20.5	0.254
09/25/05 00:31:46.5	0.254
09/25/05 00:32:45.5	0.254
09/25/05 00:33:30.0	0.254
09/25/05 00:34:15.5	0.254
09/25/05 00:34:40.5	0.254
09/25/05 00:34:56.0	0.254
09/25/05 00:35:10.0	0.254
09/25/05 00:35:27.0	0.254
09/25/05 00:35:43.0	0.254
09/25/05 00:35:58.5	0.254
09/25/05 00:36:13.5	0.254
09/25/05 00:36:31.0	0.254
09/25/05 00:36:44.5	0.254
09/25/05 00:36:58.5	0.254
09/25/05 00:37:11.5	0.254
09/25/05 00:37:24.0	0.254
09/25/05 00:37:34.5	0.254
09/25/05 00:37:45.5	0.254
09/25/05 00:37:54.0	0.254
09/25/05 00:38:06.5	0.254
09/25/05 00:38:19.0	0.254
09/25/05 00:38:32.0	0.254
09/25/05 00:38:44.0	0.254
09/25/05 00:38:54.5	0.254
09/25/05 00:39:04.5	0.254
09/25/05 00:39:12.5	0.254
09/25/05 00:39:20.5	0.254
09/25/05 00:39:35.0	0.254
09/25/05 00:39:54.5	0.254
09/25/05 00:40:29.0	0.254
09/25/05 00:40:43.5	0.254
09/25/05 00:41:48.5	0.254
09/25/05 00:52:32.0	0.254
09/25/05 01:06:06.5	0.254
09/25/05 01:25:19.5	0.254
09/25/05 01:25:35.5	0.254
09/25/05 01:25:47.0	0.254
09/25/05 01:26:05.0	0.254
09/25/05 01:26:17.0	0.254
09/25/05 01:26:31.5	0.254
09/25/05 01:26:44.0	0.254
09/25/05 01:27:01.0	0.254
09/25/05 01:38:45.5	0.254
09/25/05 01:54:54.0	0.254

09/25/05 02:00:34.0	0.254
09/25/05 05:41:25.5	0.254
09/26/05 05:39:52.0	0.254
09/26/05 05:53:28.0	0.254
09/26/05 05:54:55.0	0.254
09/26/05 05:55:14.5	0.254
09/26/05 05:55:34.5	0.254
09/26/05 05:55:53.0	0.254
09/26/05 05:56:06.5	0.254
09/26/05 05:56:23.0	0.254
09/26/05 05:56:46.0	0.254
09/26/05 05:57:05.5	0.254
09/26/05 05:57:14.5	0.254
09/26/05 05:57:28.0	0.254
09/26/05 05:57:46.0	0.254
09/26/05 05:58:07.5	0.254
09/26/05 05:58:28.5	0.254
09/26/05 05:58:45.5	0.254
09/26/05 05:59:01.0	0.254
09/26/05 05:59:20.0	0.254
09/26/05 05:59:44.0	0.254
09/26/05 06:00:07.5	0.254
09/26/05 06:00:39.5	0.254
09/26/05 06:01:12.5	0.254
09/26/05 06:02:10.5	0.254
09/26/05 06:02:56.0	0.254
09/26/05 06:03:34.5	0.254
09/26/05 06:07:26.0	0.254
09/26/05 06:12:14.0	0.254
09/26/05 06:12:37.0	0.254
09/26/05 06:12:59.5	0.254
09/26/05 06:13:13.5	0.254
09/26/05 06:13:34.5	0.254
09/26/05 06:14:31.5	0.254
09/26/05 06:32:16.5	0.254
09/26/05 07:54:23.5	0.254
09/26/05 08:05:22.5	0.254
09/26/05 08:05:56.5	0.254
09/26/05 12:34:25.5	0.254
09/26/05 12:35:48.5	0.254
09/26/05 12:36:54.5	0.254
09/26/05 12:37:44.5	0.254
09/26/05 12:37:58.0	0.254
09/26/05 12:38:09.5	0.254
09/26/05 12:38:25.0	0.254
09/26/05 12:42:13.5	0.254
09/28/05 13:48:36.0	0.254
09/28/05 13:48:50.5	0.254
09/28/05 13:49:03.5	0.254
09/28/05 13:49:18.0	0.254

09/28/05 13:49:27.5	0.254
09/28/05 13:49:37.5	0.254
09/28/05 13:49:45.5	0.254
09/28/05 13:49:55.0	0.254
09/28/05 13:50:03.5	0.254
09/28/05 13:50:12.0	0.254
09/28/05 13:50:22.0	0.254
09/28/05 13:50:56.0	0.254
09/28/05 13:51:31.5	0.254
09/28/05 13:52:14.5	0.254
09/28/05 13:52:45.0	0.254
09/28/05 13:53:06.0	0.254
09/28/05 13:53:33.5	0.254
09/28/05 13:54:41.0	0.254
09/28/05 13:56:14.5	0.254
09/28/05 13:58:34.0	0.254
09/28/05 14:01:18.5	0.254
09/28/05 14:05:33.0	0.254
09/28/05 14:28:29.5	0.254
09/28/05 14:29:34.0	0.254
09/28/05 14:30:06.5	0.254
09/28/05 14:30:42.0	0.254
09/28/05 14:31:15.5	0.254
09/28/05 14:33:03.5	0.254
09/30/05 14:24:15.0	0.254
09/30/05 14:25:04.0	0.254
09/30/05 14:25:29.0	0.254
09/30/05 14:25:52.5	0.254
09/30/05 14:26:19.0	0.254
09/30/05 14:26:37.0	0.254
09/30/05 14:26:51.0	0.254
09/30/05 14:27:07.0	0.254
09/30/05 14:27:27.0	0.254
09/30/05 14:27:42.5	0.254
09/30/05 14:27:58.5	0.254
09/30/05 14:28:13.0	0.254
09/30/05 14:28:27.5	0.254
09/30/05 14:28:41.0	0.254
09/30/05 14:28:54.5	0.254
09/30/05 14:29:11.0	0.254
09/30/05 14:29:24.5	0.254
09/30/05 14:29:34.0	0.254
09/30/05 14:29:44.5	0.254
09/30/05 14:29:52.5	0.254
09/30/05 14:30:01.5	0.254
09/30/05 14:30:10.5	0.254
09/30/05 14:30:19.5	0.254
09/30/05 14:30:28.5	0.254
09/30/05 14:30:40.0	0.254
09/30/05 14:30:55.0	0.254

09/30/05 14:31:18.5	0.254
09/30/05 14:31:40.0	0.254
09/30/05 14:32:02.5	0.254
09/30/05 14:32:23.0	0.254
09/30/05 14:32:49.5	0.254
09/30/05 14:33:19.5	0.254
09/30/05 14:33:55.0	0.254
09/30/05 14:34:33.5	0.254
09/30/05 14:35:39.0	0.254
09/30/05 14:36:48.0	0.254
09/30/05 14:37:47.5	0.254
09/30/05 14:38:46.0	0.254
09/30/05 14:39:39.5	0.254
09/30/05 14:40:39.0	0.254
09/30/05 14:41:54.5	0.254
09/30/05 14:43:20.5	0.254
09/30/05 14:46:46.0	0.254
10/06/05 03:12:54.0	0.254
10/06/05 03:59:51.0	0.254
10/06/05 04:23:04.0	0.254
10/06/05 06:55:28.0	0.254
10/06/05 07:09:55.5	0.254
10/06/05 07:32:13.5	0.254
10/06/05 13:02:55.5	0.254
11/01/05 01:48:48.5	0.254
11/01/05 01:50:35.5	0.254
11/01/05 01:51:41.5	0.254
11/01/05 01:52:07.5	0.254
11/01/05 01:52:26.0	0.254
11/01/05 01:52:50.5	0.254
11/01/05 01:53:24.0	0.254
11/01/05 01:54:03.0	0.254
11/01/05 01:54:33.0	0.254
11/01/05 01:54:53.0	0.254
11/01/05 01:55:11.5	0.254
11/01/05 01:55:26.5	0.254
11/01/05 01:55:43.5	0.254
11/01/05 01:55:57.0	0.254
11/01/05 01:56:11.5	0.254
11/01/05 01:56:27.0	0.254
11/01/05 01:56:55.0	0.254
11/01/05 01:57:49.0	0.254
11/01/05 02:00:25.0	0.254
11/01/05 02:01:27.0	0.254
11/01/05 02:02:22.5	0.254
11/01/05 02:03:17.0	0.254
11/01/05 02:03:41.0	0.254
11/01/05 02:04:01.5	0.254
11/01/05 02:04:24.0	0.254
11/01/05 02:05:01.0	0.254

11/01/05 02:05:50.0	0.254
11/01/05 02:06:32.0	0.254
11/01/05 02:07:00.0	0.254
11/01/05 02:07:28.5	0.254
11/01/05 02:08:01.0	0.254
11/01/05 02:08:39.5	0.254
11/01/05 02:09:25.5	0.254
11/01/05 02:10:23.0	0.254
11/01/05 02:11:06.0	0.254
11/01/05 02:11:42.5	0.254
11/01/05 02:12:28.0	0.254
11/01/05 02:13:47.5	0.254
11/01/05 02:17:29.5	0.254
11/01/05 02:21:48.0	0.254
11/01/05 02:23:54.5	0.254
11/01/05 02:27:01.5	0.254
11/01/05 08:14:25.0	0.254
11/01/05 08:16:24.0	0.254
11/01/05 08:18:06.5	0.254
11/01/05 08:18:34.0	0.254
11/01/05 08:19:04.5	0.254
11/01/05 08:19:23.5	0.254
11/01/05 08:19:45.5	0.254
11/01/05 08:20:08.5	0.254
11/01/05 08:20:28.0	0.254
11/01/05 08:20:49.0	0.254
11/01/05 08:21:05.0	0.254
11/01/05 08:21:26.5	0.254
11/01/05 08:21:44.5	0.254
11/01/05 08:21:56.0	0.254
11/01/05 08:22:10.0	0.254
11/01/05 08:22:23.5	0.254
11/01/05 08:22:38.0	0.254
11/01/05 08:22:53.0	0.254
11/01/05 08:23:11.5	0.254
11/01/05 08:23:30.5	0.254
11/01/05 08:23:53.5	0.254
11/01/05 08:24:25.5	0.254
11/01/05 08:25:21.5	0.254
11/01/05 08:26:47.5	0.254
11/01/05 08:29:40.5	0.254
11/01/05 08:31:44.0	0.254
11/01/05 08:33:21.0	0.254
11/01/05 08:35:39.0	0.254
11/01/05 08:38:29.5	0.254
11/01/05 08:41:07.5	0.254
11/01/05 08:41:57.5	0.254
11/01/05 08:42:36.5	0.254
11/01/05 08:42:59.5	0.254
11/01/05 08:43:14.5	0.254

11/01/05 08:43:31.0	0.254
11/01/05 08:43:46.0	0.254
11/01/05 08:44:05.5	0.254
11/01/05 08:44:29.5	0.254
11/01/05 08:45:04.5	0.254
11/01/05 08:46:03.0	0.254
11/01/05 08:47:29.5	0.254
11/01/05 08:48:10.0	0.254
11/01/05 08:48:39.0	0.254
11/01/05 08:49:09.5	0.254
11/01/05 08:49:48.0	0.254
11/01/05 08:50:38.5	0.254
11/01/05 08:51:55.0	0.254
11/01/05 08:53:31.0	0.254
11/01/05 08:54:30.0	0.254
11/01/05 08:55:36.0	0.254
11/01/05 08:56:36.0	0.254
11/01/05 08:57:42.0	0.254
11/01/05 08:58:26.5	0.254
11/01/05 08:59:01.5	0.254
11/01/05 08:59:36.0	0.254
11/01/05 09:00:12.0	0.254
11/01/05 09:00:52.5	0.254
11/01/05 09:01:42.0	0.254
11/01/05 09:02:36.0	0.254
11/01/05 09:03:42.5	0.254
11/01/05 09:05:59.5	0.254
11/01/05 09:09:35.0	0.254
11/01/05 09:12:22.5	0.254
11/01/05 09:14:40.0	0.254
11/01/05 09:16:32.5	0.254
11/01/05 09:18:05.0	0.254
11/01/05 09:19:10.5	0.254
11/01/05 09:20:15.0	0.254
11/01/05 09:21:35.5	0.254
11/01/05 09:23:11.5	0.254
11/01/05 09:24:57.5	0.254
11/01/05 09:26:41.0	0.254
11/01/05 09:28:55.0	0.254
11/01/05 09:31:00.0	0.254
11/01/05 09:34:19.0	0.254
11/01/05 09:38:49.0	0.254
11/01/05 09:42:11.5	0.254
11/01/05 09:45:10.5	0.254
11/01/05 09:47:04.5	0.254
11/01/05 09:49:43.0	0.254
11/01/05 09:52:36.5	0.254
11/01/05 09:56:22.0	0.254
11/01/05 10:01:35.5	0.254
11/01/05 10:07:45.5	0.254

11/01/05 10:13:37.0	0.254
11/01/05 10:20:46.0	0.254
11/01/05 11:23:31.0	0.254
11/01/05 11:43:06.5	0.254
11/06/05 03:10:18.5	0.254
11/08/05 03:07:40.5	0.254
11/12/05 18:03:14.5	0.254
11/12/05 18:05:32.5	0.254
11/12/05 18:07:29.5	0.254
11/12/05 18:24:59.5	0.254
11/12/05 18:46:50.5	0.254
11/12/05 19:56:23.5	0.254
11/12/05 22:02:22.5	0.254
11/12/05 22:02:54.0	0.254
11/12/05 22:04:23.0	0.254
11/12/05 23:16:50.0	0.254
11/12/05 23:20:22.0	0.254
11/12/05 23:21:22.0	0.254
11/12/05 23:22:24.5	0.254
11/12/05 23:23:40.5	0.254
11/12/05 23:24:23.5	0.254
11/12/05 23:46:21.5	0.254
11/12/05 23:48:24.0	0.254
11/12/05 23:49:08.0	0.254
11/12/05 23:49:20.5	0.254
11/12/05 23:49:37.5	0.254
11/12/05 23:49:52.5	0.254
11/12/05 23:50:16.5	0.254
11/12/05 23:50:36.5	0.254
11/12/05 23:50:52.5	0.254
11/12/05 23:51:37.5	0.254
11/12/05 23:53:11.5	0.254
11/12/05 23:57:15.0	0.254
11/13/05 00:30:05.0	0.254
11/15/05 17:25:33.5	0.254
11/15/05 17:26:37.5	0.254
11/15/05 17:29:07.5	0.254
11/15/05 17:50:36.5	0.254
11/15/05 20:42:44.5	0.254
11/15/05 20:43:24.0	0.254
11/15/05 20:44:02.5	0.254
11/16/05 00:58:51.5	0.254
11/16/05 01:01:19.5	0.254
11/16/05 01:35:48.0	0.254
11/16/05 01:36:43.5	0.254
11/16/05 01:37:48.0	0.254
11/16/05 01:38:52.5	0.254
11/16/05 01:39:06.5	0.254
11/16/05 01:39:18.5	0.254
11/16/05 01:39:34.5	0.254

11/16/05 01:40:13.0	0.254
11/16/05 01:40:40.0	0.254
11/16/05 01:41:01.5	0.254
11/16/05 01:41:33.0	0.254
11/16/05 01:42:18.5	0.254
11/16/05 01:43:13.0	0.254
11/16/05 01:44:18.0	0.254
11/16/05 01:45:43.5	0.254
11/16/05 01:47:55.5	0.254
11/16/05 02:06:02.0	0.254
11/16/05 02:32:52.5	0.254
11/16/05 03:51:03.0	0.254
11/16/05 04:04:37.0	0.254
11/21/05 03:26:08.5	0.254
11/21/05 04:00:16.5	0.254
11/21/05 05:06:41.5	0.254
11/21/05 05:34:16.0	0.254
11/21/05 05:39:16.5	0.254
11/21/05 05:46:51.0	0.254
11/21/05 05:53:08.5	0.254
11/21/05 06:04:11.5	0.254
11/21/05 06:10:18.0	0.254
11/21/05 06:13:52.0	0.254
11/21/05 14:19:16.5	0.254
11/21/05 14:23:08.5	0.254
11/21/05 14:23:26.0	0.254
11/21/05 14:26:21.0	0.254
11/21/05 14:28:33.0	0.254
11/21/05 14:35:55.5	0.254
11/21/05 15:16:57.0	0.254
11/21/05 15:18:14.5	0.254
11/21/05 15:18:22.0	0.254
11/21/05 15:18:23.5	0.254
11/21/05 15:18:25.0	0.254
11/21/05 15:18:26.5	0.254
11/23/05 10:35:15.0	0.254
11/27/05 01:51:36.5	0.254
11/27/05 02:03:28.0	0.254
11/27/05 02:09:19.0	0.254
11/27/05 02:17:58.0	0.254
11/27/05 02:29:21.0	0.254
11/27/05 02:34:31.0	0.254
11/27/05 02:37:36.5	0.254
11/27/05 02:40:00.5	0.254
11/27/05 02:42:06.5	0.254
11/27/05 02:44:33.0	0.254
11/27/05 02:46:00.0	0.254
11/27/05 02:47:57.0	0.254
11/27/05 02:49:40.5	0.254

11/27/05 02:51:10.5	0.254
11/27/05 02:52:53.0	0.254
11/27/05 02:55:32.0	0.254
11/27/05 02:57:59.0	0.254
11/27/05 03:01:19.5	0.254
11/27/05 03:03:14.5	0.254
11/27/05 03:04:12.5	0.254
11/27/05 03:05:14.5	0.254
11/27/05 03:05:58.5	0.254
11/27/05 03:06:35.5	0.254
11/27/05 03:07:02.5	0.254
11/27/05 03:07:27.5	0.254
11/27/05 03:07:56.5	0.254
11/27/05 03:08:28.0	0.254
11/27/05 03:09:05.5	0.254
11/27/05 03:09:37.5	0.254
11/27/05 03:10:10.5	0.254
11/27/05 03:10:36.0	0.254
11/27/05 03:10:53.5	0.254
11/27/05 03:11:14.5	0.254
11/27/05 03:11:38.0	0.254
11/27/05 03:11:58.0	0.254
11/27/05 03:12:10.0	0.254
11/27/05 03:12:24.5	0.254
11/27/05 03:12:38.5	0.254
11/27/05 03:12:52.5	0.254
11/27/05 03:13:11.0	0.254
11/27/05 03:13:31.0	0.254
11/27/05 03:13:43.5	0.254
11/27/05 03:13:58.0	0.254
11/27/05 03:14:11.0	0.254
11/27/05 03:14:21.5	0.254
11/27/05 03:14:32.0	0.254
11/27/05 03:14:42.0	0.254
11/27/05 03:14:50.5	0.254
11/27/05 03:14:58.5	0.254
11/27/05 03:15:06.5	0.254
11/27/05 03:15:13.0	0.254
11/27/05 03:15:20.0	0.254
11/27/05 03:15:27.0	0.254
11/27/05 03:15:33.5	0.254
11/27/05 03:15:41.0	0.254
11/27/05 03:15:48.0	0.254
11/27/05 03:15:54.5	0.254
11/27/05 03:16:02.5	0.254
11/27/05 03:16:09.0	0.254
11/27/05 03:16:17.5	0.254
11/27/05 03:16:25.5	0.254
11/27/05 03:16:33.5	0.254
11/27/05 03:16:41.5	0.254

11/27/05 03:16:48.5	0.254
11/27/05 03:16:55.5	0.254
11/27/05 03:17:03.0	0.254
11/27/05 03:17:11.5	0.254
11/27/05 03:17:18.5	0.254
11/27/05 03:17:26.5	0.254
11/27/05 03:17:33.5	0.254
11/27/05 03:17:40.5	0.254
11/27/05 03:17:47.5	0.254
11/27/05 03:17:55.0	0.254
11/27/05 03:18:02.5	0.254
11/27/05 03:18:11.5	0.254
11/27/05 03:18:19.5	0.254
11/27/05 03:18:28.5	0.254
11/27/05 03:18:38.5	0.254
11/27/05 03:18:46.5	0.254
11/27/05 03:18:55.0	0.254
11/27/05 03:19:05.0	0.254
11/27/05 03:19:13.0	0.254
11/27/05 03:19:23.0	0.254
11/27/05 03:19:32.0	0.254
11/27/05 03:19:40.5	0.254
11/27/05 03:19:49.5	0.254
11/27/05 03:20:00.0	0.254
11/27/05 03:20:12.0	0.254
11/27/05 03:20:23.5	0.254
11/27/05 03:20:36.0	0.254
11/27/05 03:20:49.5	0.254
11/27/05 03:21:03.0	0.254
11/27/05 03:21:16.5	0.254
11/27/05 03:21:33.0	0.254
11/27/05 03:21:55.5	0.254
11/27/05 03:22:16.5	0.254
11/27/05 03:22:38.5	0.254
11/27/05 03:22:52.0	0.254
11/27/05 03:23:12.0	0.254
11/27/05 03:23:31.0	0.254
11/27/05 03:23:51.0	0.254
11/27/05 03:24:13.0	0.254
11/27/05 03:24:36.5	0.254
11/27/05 03:25:06.0	0.254
11/27/05 03:25:32.0	0.254
11/27/05 03:25:55.0	0.254
11/27/05 03:26:21.0	0.254
11/27/05 03:26:48.5	0.254
11/27/05 03:27:19.0	0.254
11/27/05 03:27:53.0	0.254
11/27/05 03:28:42.0	0.254
11/27/05 03:30:08.5	0.254
11/27/05 03:30:34.0	0.254

11/27/05 03:30:58.5	0.254
11/27/05 03:31:23.5	0.254
11/27/05 03:32:03.5	0.254
11/27/05 03:32:54.5	0.254
11/27/05 03:33:33.5	0.254
11/27/05 03:34:17.0	0.254
11/27/05 03:35:27.0	0.254
11/27/05 03:35:59.0	0.254
11/27/05 03:36:51.5	0.254
11/27/05 03:38:34.0	0.254
11/27/05 03:39:50.0	0.254
11/27/05 03:40:58.5	0.254
11/27/05 03:41:34.5	0.254
11/27/05 03:42:05.5	0.254
11/27/05 03:42:54.5	0.254
11/27/05 03:44:54.0	0.254
11/27/05 03:46:45.5	0.254
11/27/05 03:47:43.0	0.254
11/27/05 03:48:31.0	0.254
11/27/05 03:49:28.5	0.254
11/27/05 03:50:11.0	0.254
11/27/05 03:50:56.0	0.254
11/27/05 03:53:23.0	0.254
11/27/05 03:58:08.5	0.254
11/27/05 04:01:30.0	0.254
11/27/05 04:22:42.5	0.254
11/27/05 04:25:34.0	0.254
11/27/05 04:28:36.0	0.254
11/27/05 04:41:25.5	0.254
11/27/05 04:48:44.0	0.254
11/27/05 04:50:44.5	0.254
11/27/05 04:55:32.0	0.254
11/28/05 18:58:18.0	0.254
11/28/05 21:34:38.0	0.254
11/28/05 21:49:56.0	0.254
12/05/05 07:13:32.0	0.254
12/05/05 07:13:59.0	0.254
12/05/05 07:14:34.5	0.254
12/05/05 07:14:47.5	0.254
12/05/05 07:15:00.5	0.254
12/05/05 07:15:13.0	0.254
12/05/05 07:15:30.5	0.254
12/05/05 07:19:00.0	0.254
12/05/05 07:36:59.5	0.254
12/05/05 07:46:42.0	0.254
12/05/05 07:50:41.5	0.254
12/05/05 07:52:08.0	0.254
12/05/05 07:54:08.0	0.254
12/05/05 07:54:24.5	0.254
12/05/05 07:54:41.5	0.254

12/05/05 07:54:59.5	0.254
12/05/05 07:55:19.5	0.254
12/05/05 07:55:39.0	0.254
12/05/05 07:56:02.5	0.254
12/05/05 07:56:18.5	0.254
12/05/05 07:56:34.0	0.254
12/05/05 07:56:50.0	0.254
12/05/05 07:57:09.5	0.254
12/05/05 07:57:22.0	0.254
12/05/05 07:57:35.0	0.254
12/05/05 07:57:52.0	0.254
12/05/05 07:58:09.0	0.254
12/05/05 07:58:26.0	0.254
12/05/05 07:58:46.0	0.254
12/05/05 07:59:00.0	0.254
12/05/05 07:59:12.5	0.254
12/05/05 07:59:24.0	0.254
12/05/05 07:59:33.0	0.254
12/05/05 07:59:45.0	0.254
12/05/05 07:59:56.5	0.254
12/05/05 08:00:06.5	0.254
12/05/05 08:00:22.0	0.254
12/05/05 08:00:39.0	0.254
12/05/05 08:01:05.0	0.254
12/05/05 08:01:34.5	0.254
12/05/05 08:02:11.0	0.254
12/05/05 08:02:51.5	0.254
12/05/05 08:05:06.0	0.254
12/05/05 08:10:02.0	0.254
12/05/05 08:30:16.5	0.254
12/05/05 08:47:57.5	0.254
12/05/05 08:52:13.5	0.254
12/05/05 08:55:01.5	0.254
12/05/05 08:57:17.0	0.254
12/05/05 09:00:04.5	0.254
12/05/05 09:05:13.0	0.254
12/05/05 09:09:19.0	0.254
12/05/05 09:17:03.0	0.254
12/05/05 09:22:52.5	0.254
12/05/05 09:30:56.5	0.254
12/05/05 09:41:03.5	0.254
12/05/05 09:48:07.5	0.254
12/05/05 09:58:18.0	0.254
12/05/05 10:10:13.0	0.254
12/08/05 18:47:30.0	0.254
12/09/05 15:20:39.5	0.254
12/09/05 15:21:05.5	0.254
12/09/05 15:21:07.0	0.254
12/09/05 15:21:10.0	0.254
12/14/05 21:04:45.5	0.254

12/14/05 22:51:49.5	0.254
12/14/05 22:55:19.5	0.254
12/14/05 23:00:11.5	0.254
12/14/05 23:39:43.5	0.254
12/15/05 00:11:08.0	0.254
12/15/05 00:19:35.5	0.254
12/15/05 00:24:43.5	0.254
12/15/05 00:30:19.5	0.254
12/15/05 00:34:09.5	0.254
12/15/05 00:38:17.5	0.254
12/15/05 00:41:53.0	0.254
12/15/05 00:43:46.0	0.254
12/15/05 00:45:36.5	0.254
12/15/05 00:48:03.0	0.254
12/15/05 00:50:14.0	0.254
12/15/05 00:52:10.0	0.254
12/15/05 00:54:03.5	0.254
12/15/05 00:55:44.0	0.254
12/15/05 00:57:32.5	0.254
12/15/05 00:59:15.0	0.254
12/15/05 01:00:17.0	0.254
12/15/05 01:01:09.5	0.254
12/15/05 01:01:56.5	0.254
12/15/05 01:02:46.0	0.254
12/15/05 01:04:12.0	0.254
12/15/05 01:05:26.5	0.254
12/15/05 01:06:54.0	0.254
12/15/05 01:08:03.5	0.254
12/15/05 01:08:34.0	0.254
12/15/05 01:09:12.0	0.254
12/15/05 01:09:37.0	0.254
12/15/05 01:10:10.5	0.254
12/15/05 01:11:46.5	0.254
12/15/05 01:13:34.5	0.254
12/15/05 01:15:19.0	0.254
12/15/05 01:16:05.0	0.254
12/15/05 01:16:52.0	0.254
12/15/05 01:17:40.5	0.254
12/15/05 01:18:50.0	0.254
12/15/05 01:20:19.5	0.254
12/15/05 01:21:33.0	0.254
12/15/05 01:22:07.0	0.254
12/15/05 01:22:41.5	0.254
12/15/05 01:23:36.0	0.254
12/15/05 01:26:18.5	0.254
12/15/05 01:28:45.0	0.254
12/15/05 01:30:31.5	0.254
12/15/05 01:32:06.0	0.254
12/15/05 01:34:16.5	0.254
12/15/05 01:35:45.0	0.254

12/15/05 01:36:29.5	0.254
12/15/05 01:37:48.0	0.254
12/15/05 01:38:55.5	0.254
12/15/05 01:39:33.0	0.254
12/15/05 01:40:12.0	0.254
12/15/05 01:42:44.0	0.254
12/15/05 01:46:16.0	0.254
12/15/05 01:49:04.5	0.254
12/15/05 01:51:49.0	0.254
12/15/05 01:52:53.5	0.254
12/15/05 01:54:33.0	0.254
12/15/05 01:55:47.5	0.254
12/15/05 01:57:03.5	0.254
12/15/05 01:58:37.0	0.254
12/15/05 02:00:37.5	0.254
12/15/05 02:02:04.5	0.254
12/15/05 02:04:17.0	0.254
12/15/05 02:06:27.0	0.254
12/15/05 02:08:06.0	0.254
12/15/05 02:10:42.0	0.254
12/15/05 02:14:10.0	0.254
12/15/05 02:17:17.5	0.254
12/15/05 02:20:32.0	0.254
12/15/05 02:24:05.0	0.254
12/15/05 02:27:09.5	0.254
12/15/05 02:28:56.5	0.254
12/15/05 02:30:37.0	0.254
12/15/05 02:33:35.0	0.254
12/15/05 04:34:24.0	0.254
12/15/05 04:34:58.0	0.254
12/15/05 04:35:37.0	0.254
12/15/05 04:36:24.5	0.254
12/15/05 04:38:08.0	0.254
12/15/05 04:40:44.5	0.254
12/15/05 04:41:39.0	0.254
12/15/05 04:44:52.0	0.254
12/15/05 04:49:20.5	0.254
12/15/05 04:57:11.5	0.254
12/15/05 04:58:43.0	0.254
12/15/05 04:59:31.5	0.254
12/15/05 05:05:28.0	0.254
12/15/05 05:11:27.0	0.254
12/15/05 05:14:56.5	0.254
12/15/05 05:16:28.0	0.254
12/15/05 05:17:04.0	0.254
12/15/05 05:17:40.0	0.254
12/15/05 05:18:40.0	0.254
12/15/05 05:19:13.0	0.254
12/15/05 05:19:29.0	0.254
12/15/05 05:19:45.5	0.254

12/15/05 05:20:26.5	0.254
12/15/05 05:54:12.0	0.254
12/15/05 14:49:19.0	0.254
12/15/05 14:49:20.5	0.254
12/15/05 14:49:22.0	0.254
12/15/05 14:49:23.5	0.254
12/15/05 14:49:25.5	0.254
12/15/05 14:49:33.5	0.254
12/15/05 15:16:41.0	0.254
12/15/05 15:20:32.0	0.254
12/15/05 15:35:07.0	0.254
12/15/05 15:36:52.0	0.254
12/15/05 15:42:07.0	0.254
12/15/05 15:44:56.5	0.254
12/15/05 15:45:04.5	0.254
12/16/05 13:36:09.5	0.254
12/19/05 10:33:13.0	0.254
12/19/05 15:39:40.0	0.254
12/20/05 14:48:10.5	0.254
12/20/05 14:48:33.0	0.254
12/20/05 15:02:24.0	0.254
12/20/05 15:02:30.0	0.254
12/24/05 08:46:23.5	0.254
12/24/05 08:53:08.0	0.254
12/24/05 08:57:13.5	0.254
12/24/05 09:01:24.5	0.254
12/24/05 09:03:51.0	0.254
12/24/05 09:04:55.0	0.254
12/24/05 09:06:05.0	0.254
12/24/05 09:20:09.0	0.254
12/24/05 16:30:41.0	0.254
12/24/05 16:35:15.5	0.254
12/24/05 16:35:47.5	0.254
12/24/05 16:36:24.0	0.254
12/24/05 16:38:12.0	0.254
12/24/05 16:38:37.5	0.254
12/24/05 16:39:10.0	0.254
12/24/05 16:39:48.0	0.254
12/24/05 16:40:48.0	0.254
12/24/05 16:41:32.5	0.254
12/24/05 16:42:23.0	0.254
12/24/05 16:43:07.5	0.254
12/24/05 16:43:43.0	0.254
12/24/05 16:44:16.5	0.254
12/24/05 16:45:02.5	0.254
12/24/05 16:46:59.5	0.254
12/24/05 16:47:41.5	0.254
12/24/05 16:51:10.0	0.254
12/24/05 16:52:41.0	0.254
12/24/05 16:54:54.5	0.254

12/24/05 17:05:08.5	0.254
12/24/05 17:06:26.5	0.254
12/24/05 17:07:03.5	0.254
12/24/05 17:07:47.5	0.254
12/24/05 17:08:54.0	0.254
12/24/05 17:09:47.0	0.254
12/24/05 17:10:39.0	0.254
12/24/05 17:11:50.5	0.254
12/24/05 17:57:07.0	0.254
12/24/05 18:35:05.5	0.254
12/28/05 03:04:07.0	0.254
12/28/05 03:06:44.5	0.254