From: Eric Epstein <ericepstein@comcast.net>
To: Alicia Mullins <AXM7@nrc.gov>
Date: 11/16/2006 4:41:00 PM
Subject: Re: mailing list

Fyi.

> Mr. Epstein,
>
> We met yesterday during the Susquehanna scoping meeting. I want to
> clarify whether or not you would like to be placed on our mailing list
> to receive future information regarding the license renewal process?
> Please email me back and indicate your preference. I have your card with
> address listed.
>
> Thanks
>
>
> Alicia Mullins
> Environmental Project Manager
> Office of Nuclear Reactor Regulation
> U.S. Nuclear Regulatory Commission
> 301-415-1224
> axm7@nrc.gov

Mail Envelope Properties (455CDAE2.E4D : 8 : 32333)

Subject: Re: mailing list
Creation Date 11/16/2006 4:47:38 PM
From: Eric Epstein <ericepstein@comcast.net>

Created By: ericepstein@comcast.net

Recipients
nrc.gov
TWGWPO01.HQGWDO01
AXM7 (Alicia Mullins)

Post Office	Route
TWGWPO01.HQGWDO01	nrc.gov

Files	Size	Date & Time
MESSAGE	507	11/16/2006 4:47:38 PM
EFMR 05 Report.pdf	2160806	
Mime.822	2963493	

Options
Expiration Date: None
Priority: Standard
ReplyRequested: No
Return Notification: None

Concealed Subject: No
Security: Standard

Junk Mail Handling Evaluation Results
Message is eligible for Junk Mail handling
This message was not classified as Junk Mail

Junk Mail settings when this message was delivered
Junk Mail handling disabled by User
Junk Mail handling disabled by Administrator
Junk List is not enabled
Junk Mail using personal address books is not enabled
Block List is not enabled

2005 Biennial Report
The EFMR Monitoring Group

EFMR Accomplishments

EFMR Completes Settlement Requirements

With the publication of this report, the EFMR monitoring group has fulfilled its obligations under the settlement agreement which launched the organization in 1992.

The settlement of a lawsuit initiated by Eric Epstein against General Public Utilities, then the owner of Three Mile island, resulted in the establishment of a state-of-the-art monitoring system around Three Mile Island which was supplemented by citizen involvement through the use of hand-held RadAlert monitors.

In the 13 years since Epstein reached his landmark settlement, another agreement was reached as part of the merger settlement when PECO (then the Philadelphia Energy Corporation) merged with Commonwealth Edison. The PECO agreement added the area around the Peach Bottom power plant to the monitoring network. In addition, in 1999, the new owners of TMI agreed to continue funding the EFMR program through early 2005.

Through the agreement, EFMR advanced its stated objectives of increasing public and worker safety. The key achievements include the following:

• State-of-the-art gamma monitoring equipment, which is continuously monitored, was deployed at sixteen locations within three miles of TMI.

• The 16 Reuter-Stokes monitors were augmented with more than 75 RadAlert monitors deployed to a wide cross-section of the community—individuals, high schools, colleges, community-based organizations and others—actively involved in gathering daily radiation data. The collected data is forwarded to the Dickinson Collge Department of Physics and Astronomy which has been responsible for compiling and analyzing the data for more than a dozen years.

• In the last two years the monitoring system was enhanced with the addition of five state-of-the-art monitors which provide real-time monitoring of the plant. The Thermo Eberline monitors feed information to a central control station at Penn State University.

• EFMR won agreement from both PECO and AmerGen not to store spent fuel or radioactive waste from any other nuclear facility at TMI or Peach Bottom during the term of the agreement. First Energy, the owner of TMI Unit 2, has agreed it will not trade TMI-2's high-level radioactive waste to any other nuclear utility which would delay the decommissioning of TMI-2.

• In two separate agreements, EFMR negotiated $900,000 in remote robotics research from GPU and $500,000 from PECO. These programs have significantly reduced worker exposure at both TMI and Peach Bottom.

•PECO agreed not to use mixed uranium oxide fuel at Peach Bottom, Limerick, and Salem nuclear plants. →

2005 Biennial Report
The EFMR Monitoring Group

EFMR Accomplishments

• The distribution of potassium iodide pills, both directly by EFMR and by the Pennsylvania Department of Health, are the result of EFMR efforts.

• AmerGen agreed to pay TMI Unit 1's excess decommissioning costs without transferring the burden to ratepayers.

• AmerGen agreed not to conduct business with nor transfer technology to any company, organization, or nation that the United States is boycotting for econmic or military reasons, including nations that haven't signed a nuclear arms non-proliferatio n treaty.

• EFMR negotiated with First Energy to maintain community investments at current levels from 2001 through 2004.

•EFMR negotiated an additional agreement with AmerGen at TMI Unit 1 that removes the plant from the rate base and insulates rate payers from any additional costs to clean-up the plant.

• EFMR participated in negotiations with PECO leading to the provision of more than a million dollars in funds for a York County program to provide heating assistance to low-income families.

• EFMR assisted in the creation of the Greater Middletown Economic Development Chapter.

• EFMR secured an anonymous contribution of $500 to enable East Hanover Township to address environmental problems caused by an aging sewage treatment facility and the application of sludge to farmland. EFMR assistance helped the community procure a flood waste bin.

• EFMR published its newsletter, maintained a web site, and maintained relations with the news media to help keep the public informed on nuclear issues.

• EFMR, throughout the settlement period and to this day, continues to attend NRC meetings and receive briefings from AmerGen, Exelon, PECO Energy, and First Energy.

• EFMR Coordinator Eric Epstein presented at the NRC's 15th Annual Regulatory Information Conference in 2003. Epstein participated as a panelist in a breakout session regarding the Reactor Oversight Process.

• EFMR developed three energy-related curriculums on the TMI accident, wind power, and coal energy under contract from the Sustainable Energy Fund of Central Eastern Pennsylvania.

• EFMR held annual RadAlert training sessions at Dickinson College for twelve years. A training manual was developed and distributed to attendees and made available to the general public.

• EFMR assisted Dickinson College's Community Studies Center in its oral history project and in funding the creation of the TMI Alert archives at the Waidner-Spahr Library.

• EFMR continues its advocacy of TMI and Peach Bottom paying their fair share of municipal and school taxes. A change in tax laws redefined most of the plants' facilities to be mere "equipment" rather than "real" property, resulting in drastic, community-harming reductions in the taxes paid by the utilities.

• EFMR worked with TMI Alert and local resident Larry Christian in collecting thousands of signatures on a petition to include day care centers in local emergency preparedness plans. EFMR also conducted a survey of more than 70 local day care facilities to see if they had plans on how to evacuate clients in the event of a nuclear emergency.

2005 Biennial Report
The EFMR Monitoring Group

EFMR Going Forward

EFMR Looks to Continue Community Service Efforts

With almost 400,000 RadAlert readings documented to date, EFMR maintains its commitment to monitoring the operation of nuclear power plants in central Pennsylvania and its role in the advocacy of the safe generation of electricity.

EFMR will continue to assist communities, organizations, and individuals with emergency planning around TMI and Peach Bottom, provide educational material on Pennsylvania Energy Issues, participate in economic development projects in south central Pennsylvania, maintain the RadAlert network around Peach Bottom and TMI, and will continue to advocate for rate reductions and consumer protections at the Pennsylvania Public Utility Commission, including negotiated settlements that mandate cost sharing for nuclear decommissioning at Susquehanna 1 and 2 (PPL), Peach Bottom 2 and 3, Limerick Units 1 and 2, and Salem, New Jersey 1 and 2 (PECO & Exelon).

In addition, the group is actively involved with security and radioactive isolation and safety issues at the Nuclear Regulatory Commission affecting Peach Bottom 1, 2 and 3, TMI 1 and 2, and Susquehanna 1 and 2.

Finally, to keep the monitoring program going, EFMR is seeking sponsors, either individuals or organizations, willing to underwrite the annual cost of individual monitors. Those interested should contact EFMR at 717-541-1101.

EFMR Plays Key Role on TMI Advisory Panel

A Citizens' Awareness Panel created in the aftermath of the TMI accident continues to meet at least twice each year with the operators of TMI Unit I. AmerGen officials including the site manager, inspectors, security officials, community relations personnel, and others have met with the panel over the last few years. EFMR volunteer Bill Cologie serves as the organization's representative to the panel.

Cologie says the meetings are useful in that it complements the regular communications EFMR has with the utility and provides insight into the thinking of AmerGen's on-site management and their approach to both plant operations and community relations. The meetings are regularly attended by local elected officials, but the panel also includes retired plant personnel and other vocal supporters of the utility.

Over the last two years the group has been provided tours of the island's enhanced security systems, including a first-hand look at the high tech security controls on the plant's restricted areas and a subsequent visit to see new guard towers and security gates at the entrance to the plant's protected zones. The most recent meeting included a re-visit to the simulated control room, said by plant personnel to replicate the control room in Unit I.

TMI Communications Manager Ralph DeSantis says, "TMI values the participation of all the members of the Citizens Awareness Panel, including that of EFMR. Representatives of EFMR have brought a healthy, questioning attitude to the meetings."

Cologie says he approaches each meeting with hopes of gathering information without being confrontational, but that he finds the AmerGen personnel to be too guarded with their answers, sometimes to the point of obfuscation. "Sometimes answers to questions are comfortable recitations of the industry line rather than site-specific responses," Cologie said, "but most attending don't seem to mind."

2005 Biennial Report
The EFMR Monitoring Group

Education Efforts

EFMR Aids Dickinson College TMI Project

In early 2003, in preparation for observing the 25th anniversary of the accident at TMI, the Community Studies Center at Dickinson College launched an oral history project to supplement the 400 interviews done by students and faculty in the months following the accident. The project, undertaken with assistance from EFMR, also resulted in the creation of a web site where, eventually, the public will have access to these audio files. The web site is: www.ThreeMileIsland.org

The project acquainted today's Dickinson students with the efforts of college administrators and faculty in keeping the campus calm and open during the accident. Dickinson physicist, Dr. John Luetzelschwab—re cently retired consultant to EFMR—took radiation samples in the days following the accident and calmed students with reports that radiation levels on campus, some 22 miles from TMI, were normal.

The 25th anniversary of the accident also saw Dickinson's campus library, the Waidner-Spahr Library, get 55 boxes of files from ThreeMile Island Alert which have been organized into a special archive. EFMR helped Dickinson obtain an $8700 grant from the Pennsylvania Historical and Museum Commission to finance the cataloging and organizing of the documents. Plans provide that some of this material will be featured on the aforementioned web site, but at this point, there was too much material to be reviewed during the "monumental" process of establishing the web site. Dr. Lori Malsheimer, director of the Community Studies Center, says the material in the archives will keep students busy for years.

EFMR Coordinator Eric Epstein says the accident at TMI is considered by many to be the third most significant event in Pennsylvania history following the founding of America and the Battle of Gettysburg. "As it stands, we who have been involved with TMI Alert benefit from having our records at this prestigious institution, while the college benefits from the fact that going forward no scholar will be able to research what happened at TMI without visiting Dickinson, either physically or through cyberspace."

EFMR Creates Energy Lesson Plans

EFMR has developed a series of energy-relate d lesson plans for school teachers to use in educating students about The Accident at Three Mile Island, Wind Power, and Coal Energy. Each subject has individual plans for elementary students, middle school students, and high school students, while the wind power packet also contains a lesson plan for adult learners. Each of the plans, created by professional educators, complies with the National Science Foundation's Content Standards and the Pennsylvania Department of Education's Academic Standards. The plans are available free of charge and downloadable from EFMR's web site, www.efmr.org.

Seven Wilson College Students Track Radiation

Using RadAlert monitors supplied by EFMR, seven Wilson College students monitored radiation on campus for five days during the Fall of 2003. Each of the students took the RadAlert training at Dickinson prior to participating in the project. Readings were taken in dormitories, classrooms, and elsewhere on campus. In addition, one student took the monitor to a friend's home in Maryland where she found Radon levels eight times higher than average.

Dr. Edward Wells, the instructor overseeing the exercise said it provided an excellent opportunity for students to not only learn about radiation, but to understand how it surrounds them. Since the students found no high levels of radiation on campus, they were somewhat comforted, but they now realize that radiation continuously surrounds them and that materials emit varying amounts of radiation.

2005 Biennial Report
The EFMR Monitoring Group

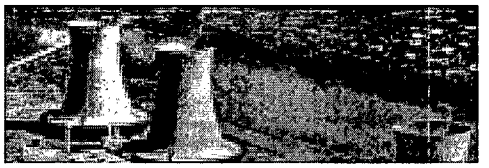
Emergency Preparedness

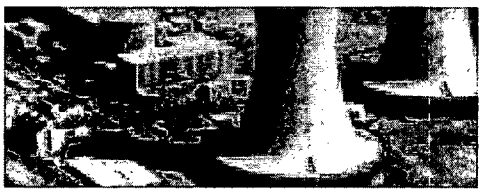
Survey Shows State Abdicates Responsibility on Planning

EFMR conducted a survey of child-care facilities located in the 10-mile Emergency Planning Zone (EPZ) around TMI. Federal law requires that state and local officials protect people in the custody of institutions such as schools, nursing homes and prisons, but child-care facilities were not included in the state's emergency plans. The survey was conducted to ensure that preschool children within the 10-mile EPZ in Cumberland, Dauphin, Lancaster, Lebanon, and York Counties were provided radiological emergency services as required by law.

EFMR identified 74 child care facilities within the EPZ. All of them were licensed by the Department of Public Welfare and cared for at least 12 children. Each was sent a survey in late 2004. Those who did not respond were called or visited during early 2005, netting a final response rate of 51.35 percent. Those responding cared for 1,480 children. Following the survey, EFMR provided many of the facilities, regardless of their participation in the survey, with potassium iodide tablets for the children and day care workers.

Of those responding, 45 percent said "No" when asked if state or local agencies had provided their facility with emergency planning in the event of a radiological incident.





66 percent said "No" when asked if state or local agencies provided transportation assistance for their facility in the event of a radiological evacuation.

Of those who said "Yes" to the transportation question, 87 percent could not report who would be providing the transportation or how many vehicles would be involved.

87 percent said they had no supporting letters from transportation providers.

58 percent said "No," when asked if state or local agencies provided directions and assignments to prearranged relocation centers in the event of an evacuation.

Of those responding "Yes," 63 percent were not sure or were unable to answer when asked to identify their assigned relocation center.

The survey results made it clear that the state has not met their legal requirement to review plans or coordinate transportation for these facilities. Even where they have complied with the law, day care workers were unsure as to how things would work in the event of an emergency.→

The energy education connections:

www.EFMR.org

www.ThreeMileIsl and.org

2005 Biennial Report
The EFMR Monitoring Group

Emergency Preparedness

EFMR Puts the KI in Kipona

An EFMR volunteer distributes potassium iodide at the 2004 Kipona.

The survey also showed that:

•The state does not review plans or coordinate transportation;
•Few state and local entities provide for or coordinate transportation;
•In some instances, transportation for day care children is only available after other populations have been moved;
•Many facilities assume they can evacuate to public schools and presume those schools will provide transportation;
•Many facilities depend on the phone book for planning;
•Frequent expressions of exasperation and frustration included: "Who do we contact?" "Where do we go?" and "How do we get there?"
•Several facilities were unaware that they were within the ten mile zone;
•Emergency planning is a recent development; and, numerous providers were confused by the separate regulations recently promulgated. The Rendell administration in 2003 required all day-care facilities to have an emergency plan in place by July 1, 2004. Senate Bill 922, passed in July 2004 and signed into law by Gov. Rendell, exempted non-profit child-care centers from compliance.

Given the refusal of the Pennsylvania Department of Health to make potassium iodide (KI) tablets available to anyone except residents of a ten mile zone around TMI, EFMR decided to make the pills available to anyone requesting them.

With booth space provided by the City of Harrisburg, EFMR and Three Mile Island Alert volunteers handed out the pills free of charge to those attending the City's annual Kipona festival every Labor Day weekend since 2002. Over that time, thousands of pills have been provided to residents regardless of where they live.

"Some people work downwind of TMI, but live outside the area and don't qualify for the Department of Health's pills," explained one booth volunteer. Others who live within the ten-mile zone, it was noted, have no way of getting to the Department of Health's offices during their limited office hours because of work schedules.

"People who need the pills just weren't getting them, so we felt we had to do something," said EFMR Coordinator Eric Epstein.

Befuddled at the Department of Health's refusal to widely distribute the small mountain of KI pills provided by the Nuclear Regulatory Commission, EFMR approached the Department with an offer to distribute the state's pills. The DoH refused, so EFMR purchased thousands of doses and had thousands more donated by the manufacturer to give away to central Pennsylvanians.

2005 Biennial Report
The EFMR Monitoring Group

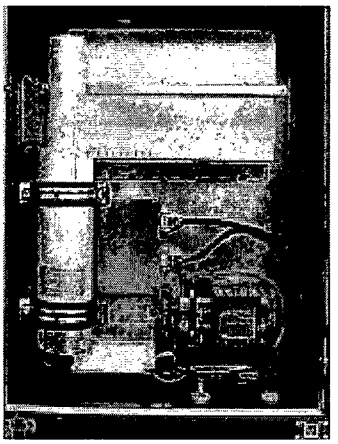
Radiation Monitoring

Five New Radiation Monitors Deployed

Of all the governments on the planet, Germany is probably the most advanced when it comes to the monitoring of nuclear power plants. Now, the same state-of-the-art equipment used throughout Germany is deployed around Three Mile Island.

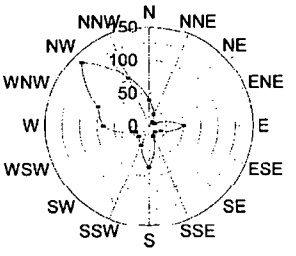
Given the Reuter-Stokes monitors have been in place since the early 1990s and technology has advanced dramatically since then, EFMR secured five Thermo Eberline monitors and strategically placed them in the area around Three Mile Island. Based on careful study of population concentrations and prevailing wind currents, five monitors have been located in Etters, Yocumtown, Lower Swatara and South Harrisburg..

The new monitors have a series of gamma dose rate detectors which use the NBR (National Background Rejection) method to discriminate between normal background gamma radiation and other sources of radiation. This clearly indicates whether an increase in radiation was due to artificial sources in the environment or merely a normal, natural event due to changes of weather, temperature, or rain. Therefore, these devices are ideally suited for environmental monitoring.



TMI Wind Rose X Population

Wind % X Population % to 10 mi.



The top illustration shows the location of the Reuter-Stokes monitors, bottom left is a photo of the new Thermo Eberline monitor. Bottom right is a rough image of one of the plotting charts created to determine the best locations for the new monitors.

2005 Biennial Report
The EFMR Monitoring Group

Worker Safety

Robots Take the Heat

Thanks in part to EFMR's settlement, a $1.4 million investment in robotic technology keeps workers free from excessive exposure to radiation.

Before the development of robots to do this dangerous work, nuclear power plant workers would don multiple layers of protective clothing including hot rubber suits before crawling deep into the reactor. Even at high-tech plants, human inspectors would go into highly radioactive areas looking for corrosion, loose parts, and damaged equipment. Today, special robots carry cameras into areas that are too dangerous for humans.

R. Brooks Associates, Inc., a company that contracts with nuclear power plants to do inspections, says the robots have changed their business. "The whole nuclear industry has shifted from doing reactive maintenance, repairing things when they break, to proactive inspections, searching out potential problems before they occur," said John M. Gay, president of R. Brooks. The new technology is good for both the workers and the utilities. It keeps the workers healthier and it enables the utilities to maintain equipment and avoid costly shutdowns due to equipment failures. "The longer you can keep a plant up and running safely," says Gay, "the more money they can make."

Robotic inspections are now central to plant operations. One loose bolt or fragment of metal inside a pipe can wreak havoc. Such a problem led to the 1982 shutdown of New York's Ginna nuclear power plant when a metal fragment cut a pipe and released radioactive steam. Brooks, then an engineer at Ginna, played a key role in discovering that damage and working to repair it, which led him toward a career in inspecting plants.

Back in 1982, it was common practice to take plant components apart to look for broken parts. Now, using small robots that crawl through pipes, welds can be inspected and corrosion can be found from the inside of pipes. Some robots are small enough to go into the steam generator tubes and deploy cameras to look for blockages.

The Mid-Atlantic Region Operator Group (MAROG), which includes Peach Bottom and TMI, benefited from the following advances in robotics: underwater robotic core verification, mini-sub surveillance, robotic crawler used for suveillance and steam leak examination, remote camera deployment for reactor head inspection and fuel floor diving, robotic vacuuming, fiber optic scoping, and remote monitoring.

The estimated annual Person-Rem savings for MAROG was 108, as opposed to a 40 Person-Rem savings for the Midwest Reactor Group employees during the same period.

Exelon Robotic Summary for 2003

Site	Area Where Funds Expended on Robots	Amount
Limerick	NDE Tooling for 1R09 Outage GERS automated ultrasonic system (UT) for RPV nozzles and shell welds SMART - automated ultrasonic system (UT) for piping welds CS-2000 - automated ultrasonic system (UT) for core spray piping welds internal to the RPV	$620K $215K $385K
PBAPs	Outer weld inspections (GERS) and vessel underwater welding robotics.	$766K
TMI	Robotics UT and visual exam of Rx vessel course and nozzle welds and visual exam to Rx vessel internals.	$570K
LaSalle	Outer weld inspections (GERS) and vessel underwater robotics.	$707K
	Exelon Total (Services)	$3,263,000

E= Equipment/Parts/ Materials S= Services R= Research & Development

Exelon Historical Data	2001	2002
Equipment/Parts/ Materials	$178,000	$0
Services	$1,831,600	$3,263,000
Research & Development	$350,000	$0
Exelon Total	$2,359,600	$3,263,000

2005 Biennial Report
The EFMR Monitoring Group

Economic Development

EFMR Initiative Saves Rate Payers $50 Million

As a direct result of EFMR' s agreement with PECO—the section titled "Community Responsibility and Corporate Culture"—EFMR ensured a 5 percent annual increase in community spending by the utility. The terms of the Agreement are in place though 2006 and include sponsorships and donations separate and apart from what Peach Bottom employees contribute to the Untied Way. Various community groups have benefited, including emergency and medical providers, public schools, recreational programs, and senior support services.

EFMR Monitoring is also a member of PECO Energy' s LIURP (Low Income Usage Reduction Program) Advisory Committee on Universal Services and, in that capacity, successfully pressed for increased contributions to the Matching Energy Assistance Fund.

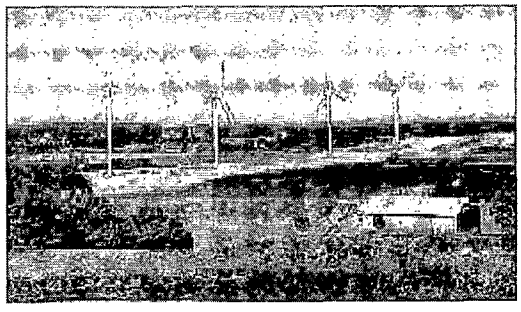
In what may be EFMR' s greatest achievement, the group, working with the Pennsylvania Office of Consumer Advocate (OCA), won an agreement that shields PECO rate payers from more than $50 million in the decommissioning costs for the plants at Limerick, Peach Bottom, and Salem, NJ.

In April 2005, Exelon acknowledged in its Annual Report that its decommissioning liabilities will exceed "provisions of the PUC order" negotiated by EFMR and the OCA. The Agreement insulates PECO rate payers from increased decommissioning costs at Peach Bottom, Limerick and Salem nuclear generating stations. Exelon now "expects total decommissioning costs to exceed this threshold established by EFMR and the OCA and expects to be held responsible for the entire $50 million over the remaining life of the assets" in addition to a 5 percent cost sharing formula approved by the PUC.

Under state law, consumers pay all the costs of decommissioni ng power plants. Thanks to EFMR and the OCA, PECO rate payers escaped paying the first $50 million and PECO will also be assessed five cents on the dollar for any costs exceeding $50 million.

In another victory for rate payers, AmerGen agreed that rate payers would not pay any excess decommissioning costs for Unit-1. In other words, the rate payers are not liable for any additional cost to decontaminate, decommission or return TMI to "greenfield" status.

EFMR recently served as a consultant to the Dauphin County Commissioners in an unsuccessful attempt to have the owners of TMI Units 1 and 2 (AmerGen and First Energy, respectively), pay their fair share of property taxes. Though the county and some municipal governments settled at a tremendous cost to taxpayers, EFMR believes its Agreement with First Energy, in which it agreed to maintain "corporate investment and involvement in the local community," may hold promise to raise Unit 2' s assessed valuation. →



2005 Biennial Report
The EFMR Monitoring Group

Economic Development

$50 Million in Savings

The utility was successful in a request to have the plant' s value reduced from $16.2 million to zero. EFMR found value in the plant since it is well situated to host another electric generating facility due to access to water, the PJM grid, and proximity to air, rail, and highway systems. TMI-2 also has immense value as an interim high-level, radioactive waste storage site for TMI-1, which loses offload refueling capacity in 2018. According to the NRC, as of September, 2004, there is $421 million residing in the TMI-2 Decommissioning Fund (2003 dollars). Still local governments agreed TMI-2 had no value, resulting in higher taxes for local residents. The settlement also required Dauphin County, Lower Dauphin School District, and Londonderry Township to refund to the utility real estate taxes for $1.07 million collected from 2002 to 2004.

EFMR Operated Middletown Office

For almost a year, beginning in the fourth quarter of 2003, the EFMR Monitoring Group had an office on Middletown's main drag—213 South Union Street, right in the heart of downtown—which enabled the organization to get more involved with economic development and other activities in the Middletown area.

"Though I ran the organization out of my home office since its inception in 1992," explained EFMR founder Eric Epstein, "I thought it would be important to raise the organization's profile in the final year of our operating grant from the utility."

According to Epstein, the downtown location paid off as it provided a base for building relationships with local governments, economic development organizations, and the community in general.

"Though we ended up subleasing the space at the end of the one-year lease period to conserve funds, having the office allowed the organization to play an instrumental role in the development of Middletown's economic development organization," Epstein concluded.

EFMR Helps Launch GMEDC

EFMR's Eric Epstein was one of the founding members of the Greater Middletown Economic Development Corporation (GMEDC), an independent not-for-profit corporation formed in 2004 to bring economic development to the greater Middletown area, including Highspire, Londonderry Township, Lower Swatara Township, and Royalton. Eric helped the fledgling organization obtain $30,000 in state grants and matching funds to seed the organization's start-up.

The key initial thrust of the GMEDC is to qualify a section of Middletown in the Pennsylvania Main Street Program, a grant program that would help revitalize Middletown. GMEDC has individual and corporate sponsors from throughout the Middletown area and Epstein serves as a founding member of their board of directors. To date, EFMR has contributed $5,800 to the GMEDC.

2005 Biennial Report
The EFMR Monitoring Group

About EFMR

In 1992, Eric Epstein reached a landmark settlement with GPU Nuclear to establish a state-of-the-art radiation monitoring system around Three Mile Island Nuclear Plant. He set up the EFMR Monitoring Group—named after his grandfather, Emanuel Fievish, and his uncle, Max Rosenberg—as a not-for-profit , non-partisan organization to run the program.

This settlement and some subsequent legal actions have resulted in EFMR adding the area around the Peach Bottom nuclear plant in York County to its monitoring network, in the acquisition of new monitors, in some significant environmental guarantees from the utilities, and in a significant investment in robotic research by the utilities which has increased worker safety at the plants.

EFMR has also undertaken educational activities relating to energy production and use in Pennsylvania, initiated advocacy actions on behalf of the safety of nuclear plant neighbors including the evacuation of day care centers in emergency preparedness plans and the distribution of potassium iodide pills to the general public. The group has also intervened at the Pennsylvania Public Utility Commission to protect the economic interests of Pennsylvania rate payers.

Since its inception, EFMR has worked with AmerGen, Dickinson College, the Environmental Protection Agency, Los Alamos National Laboratories (SWOOPE Program), GPU Nuclear, the Nuclear Regulatory Commission, Peach Bottom REMP Program, PECO Energy, the Pennsylvania Bureau of Radiation Protection, the Susquehanna Valley Alliance, Three Mile Island Alert, the Sustainable Energy Fund, and the University of Tennessee, as well as other national and international organizations .

The EFMR staff includes:

Coordinator: Eric Epstein
Editor (Annual Report & Newsletter): Bill Cologie
Office Manager & KI Program Coordinator: Russell Cohn
Statistician: Richard Stober, Economic InSights
Physicist & Technical Advisor: Rodger Granlund
Web Master: Melanie Rutkowski
Reuter-Stokes Technician: Deborah Davenport
Security Consultant: Scott Portzline
Education Advisor: Maureen Mulligan
Proofreader: Bernard Epstein

Coal & Nuclear Education Projects

Coordinator: Eric Epstein
Education Development & Research: Diane Little, Janna & Ezra Match
Principal Contributors: Diane Little and Janna Match
Web Support: Melanie Rutkowski

Wind Education Project

Coordinator: Eric Epstein
Editors: Melanie Rutkowski and Dr. James Young
Education Development & Research: Bill Cologie & Dr. James Young
Principal Reviewers: Diane Little and Janna & Ezra Match
Support Staff: Russell Cohn and Bernard Epstein

EFMR Monitoring Group

Summary of Readings
January 1993 - December 2004

Total Readings: 383,327*
Mean of all Readings: 14.095 cpm

Total Readings, 2004: 26,038
Mean of 2004 Readings: 13.562 cpm

With regard to the method of recording 2004 readings from certain stations, the same practice as was used in previous years was continued, more specifically:

1. Only the first five (5) recorded readings from Nottingham Station were entered into the electronic database. Additional readings from Nottingham (all of which were 30 cpm or higher and labeled "alert") have been retained in hard copy, but were not entered into the electronic database.
2. Readings from Camp Hill 3 Station were recorded by the reader as one (1) average reading per day, rather than as five (5) one-minute readings. Readings from Camp Hill 3 station were therefore entered into the electronic database as five (5) individual readings, the average of which equaled the reading actually reported.

Otherwise all readings were entered into the electronic database as reported.

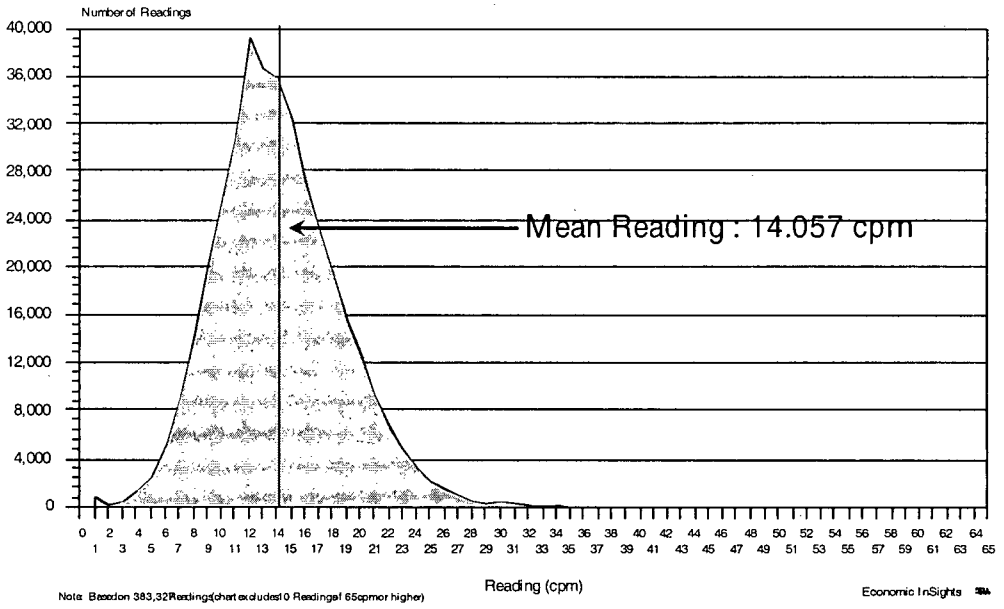
The following accompanying reports relate to the 2004 data:

1. Summary Table: 2004 Readings by Station (Descending Average).
2. Summary Table: 2004 Readings by Station (Alpha Order of Station).
3. Summary Table: Readings (in Alpha Order of Location) by Location for 1993-2004.
4. Summary Table: 2004 Frequency Distribution of Readings.
5. Summary Table: Frequency Distribution of Readings, 1993-2004.
6. Graph: Summary of Readings: January 1993 through December 2004.
7. Graph: Average Daily Reading January 1, 2004 to December 31, 2004.
8. Table: Average CPM Reading per Day for All Reporting Stations, January 1, 2004 to December 31, 2004.

* NOTE: A small discrepancy (128 Readings, or 0.03% of total readings) has arisen in the 1993-2003 data. This discrepancy is likely to be due to the receipt and entry of data for a year after the compilation of the final report for that year. This discrepancy has no material effect on the overall statistics.

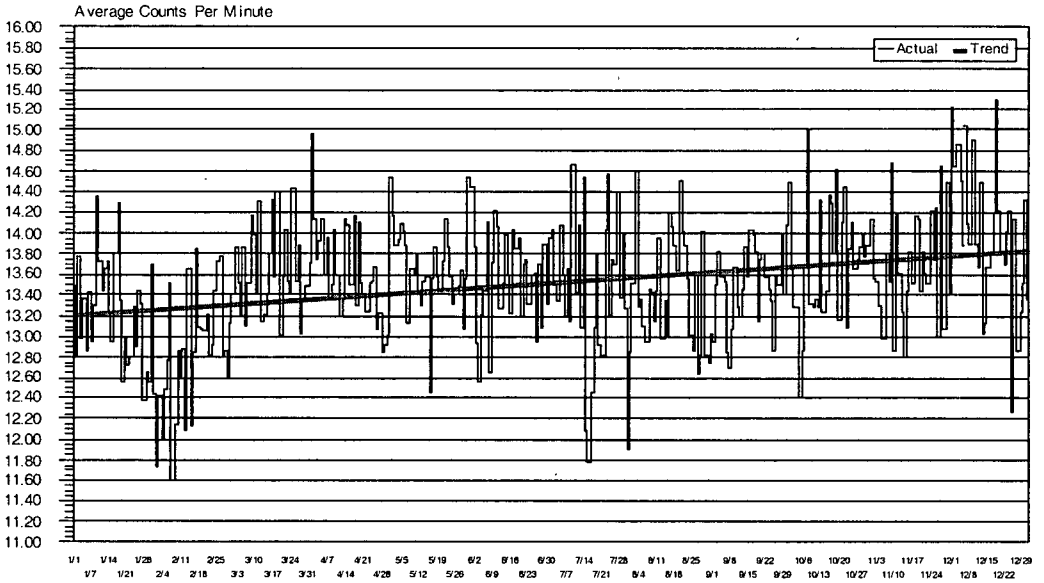
EFMR Monitoring Group

Summary of Readings: January 1993 through December 2004



EFMR Monitoring Group

Average Daily Reading January 1, 2004 to December 31, 2004



Based on 26,038 Readings from 25 Stations.

Economic InSights

Location Code	Location Name	Number of Readings 1993 - 2002	Number of Readings 2003	Number of Readings 1993 - 2003	Number of Readings 2004	Number of Readings 1993 - 2004
AIR	Airville	14,416	1,610	16,026	1,463	17,489
ANV	Annville	1,808	0	1,808	0	1,808
CAR	Carlisle	75	0	75	0	75
CCH	Cedar Cliff HS	795	0	795	0	795
CDE	Central Dauphin East HS	313	0	313	0	313
CH3	Camp Hill 3	8,929	1,520	10,449	1,220	11,669
CORN	Cornwall	65	0	65	0	65
CPK	Colonial Park	2,191	0	2,191	0	2,191
CVHS	Cumberland Valley HS	236	0	236	0	236
CWG	Conowingo	678	0	678	0	678
DAHS	Dallastown Area HS	1,148	0	1,148	0	1,148
DAU	Dauphin	10,841	371	11,212	1,388	12,600
DAU2	Dauphin 2	21	0	21	0	21
DBG	Dillsburg	955	1,332	2,287	1,140	3,427
DBG1	Dillsburg 1	618	0	618	0	618
DBG2	Dillsburg 2	520	0	520	0	520
DBG3	Dillsburg 3	336	0	336	0	336
DIL	Dillsburg (Northern HS)	4,097	703	4,800	192	4,992
DMR	Drumore	16,410	1,537	17,947	1,542	19,489
DREW	Drumore 2	839	0	839	0	839
DSN	Dickerson, Md.	598	0	598	0	598
ELA	Enola	12,502	1,618	14,120	0	14,120
ELIZ	Elizabethtown	41	0	41	0	41
ETN	Elizabethtown 1	14,382	0	14,382	0	14,382
ETN2	Elizabethtown 2	1,456	1,537	2,993	1,770	4,763
ETN4	Elizabethtown 4	202	0	202	0	202
ETRS	Etters 2	2,672	0	2,672	0	2,672
ETT	Etters	17,699	1,659	19,358	1,619	20,977
FTP1	Fairview Township 1	36	0	36	0	36
FTP2	Fairview Township 2	81	0	81	0	81
FTP3	Fairview Township 3	1,765	0	1,765	0	1,765
GBR	Goldsboro	240	0	240	0	240
HBG1	Harrisburg 1	3,650	0	3,650	0	3,650
HBG2	Harrisburg 2	148	0	148	0	148
HBG3	Harrisburg 3	3,614	0	3,614	0	3,614
HBG4	Harrisburg 4	3,665	0	3,665	0	3,665
HBG5	Harrisburg 5	169	0	169	0	169
HBG7	Harrisburg 7	213	0	213	0	213
HBG8	Harrisburg 8	171	0	171	393	564
HES	Hoover Elementary School	944	0	944	0	944
HSP	Highspire	5,529	0	5,529	0	5,529
HSP2	Hoghspire 2	198	0	198	0	198
HUM2	Hummelstown 2	327	0	327	0	327
HUM3	Hummelstown 3	2,917	183	3,100	0	3,100
LAN1	Lancaster 1	14,029	1,529	15,558	1,528	17,086
LAN2	Lancaster 2	11,687	866	12,553	1,117	13,670
LEB1	Lebanon 1	120	0	120	0	120
LEB2	Lebanon 2	6,132	0	6,132	0	6,132
LEB3	Lebanon 3	3,680	0	3,680	0	3,680
LEB4	Lebanon 4	2,088	0	2,088	0	2,088
LEW	Lewistown	110	0	110	0	110
LIT	Lititz	94	0	94	0	94
LJHS	Lincoln Junior HS	305	0	305	0	305
LPT2	Lower Paxton Township 2	2,323	680	3,003	315	3,318
LPX	Lower Paxton Township 3	135	1,710	1,845	1,784	3,629
LWN	Lawn	15,386	1,634	17,020	1,313	18,333

MAY2	Maytown 2	1,394	102	1,496	0	1,496
MDT1	Middletown 1	2,530	0	2,530	0	2,530
MDT2	Middletown 2	1,058	0	1,058	0	1,058
MDT3	Middletown 3	3,181	0	3,181	0	3,181
MDT5	Middletown 5	50	0	50	0	50
MDT6	Middletown 6 (Middletown HS)	25,142	741	25,883	781	26,664
MDT7	Middletown 7 (EFMR HQ)	0	216	216	162	378
MDT8	Middletown 8			0	15	15
MEC	Mechanicsburg	4,143	0	4,143	0	4,143
MEHS	McKaskey East HS	192	0	192	0	192
MHS	Mount Holly Springs	1,876	116	1,992	338	2,330
MJY	Mount Joy 2	278	0	278	0	278
MTJ	Mount Joy	1,999	0	1,999	0	1,999
MTN	Maytown 2	1,114	0	1,114	0	1,114
MVL	Marysville	3,342	0	3,342	0	3,342
MVL2	Marysville 2	3,050	918	3,968	904	4,872
NOT	Nottingham	14,161	1,785	15,946	1,638	17,584
NTN	Newberrytown	4,721	303	5,024	0	5,024
PAX	Paxtonia	2,070	0	2,070	0	2,070
PBT	Peach Bottom	10,485	1,406	11,891	1,537	13,428
PEQ	North Pequea	3,455	0	3,455	0	3,455
PHL	Philadelphia	2,500	1,820	4,320	1,830	6,150
PRO	Progress	3,252	0	3,252	0	3,252
RGN	Roseglenn	241	0	241	0	241
SHP	Shippensburg	360	0	360	0	360
SMD	Shermansdale	623	0	623	0	623
SAHS	Souderton Area High School	0	176	176	69	245
SQP	Susquehanna Township 3	1,182	0	1,182	0	1,182
SQP2	Susquehanna Township 2	7,537	0	7,537	0	7,537
STN1	Steelton	320	0	320	0	320
STP	Swatara Township	380	0	380	0	380
STR	Street, Md.	325	0	325	0	325
SUSQ	Susquehanna Township	3,484	0	3,484	0	3,484
WHR	West Hanover	20	0	20	0	20
WIN	Windsor Gardens	97	338	435	153	588
WRV	Wrightsville	1,455	0	1,455	0	1,455
YHN	York Haven	86	0	86	0	86
YRK	York	16,690	1,817	18,507	1,827	20,334
YSP	York Springs	10,328	0	10,328	0	10,328
YTN	Yocumtown	575	895	1,470	0	1,470
	95 Total	328,295	29,122	357,417	26,038	383,455

Location Code	Location Name	Number of Readings	Average Reading	Number X Average
NOT	Nottingham	1,638	18.074	29,605
DMR	Drumore	1,542	18.036	27,812
SAHS	Souderton Area High School	69	17.609	1,215
MDT8	Middletown 8 (EFMR)	15	17.400	261
MDT7	Middletown 7	162	16.346	2,648
MDT6	Middletown High School	781	14.286	11,157
LPT3	Lower Paxton Township 3	1,784	14.017	25,006
MVL2	Marysville 2	904	13.866	12,535
YRK	York	1,827	13.776	25,168
LAN1	Lancaster 1	1,528	13.712	20,952
DAU	Dauphin	1,388	13.682	18,991
LPT2	Lower Paxton Township 2	315	13.343	4,203
HBG8	Harrisburg (Midtown)	393	13.328	5,238
AIR	Airville	1,463	13.001	19,020
PHL	Philadelphia	1,830	12.925	23,652
WIN	Windsor Farms	153	12.765	1,953
ETN2	Elizabethtown 2	1,770	12.660	22,409
LAN2	Lancaster 2	1,117	12.390	13,840
MHS	Mt. Holly Springs	338	12.337	4,170
ETT	Etters	1,619	12.187	19,730
CH3	Camp Hill 3	1,220	12.074	14,730
LWN	Lawn	1,313	11.885	15,605
PBT	Peach Bottom	1,537	11.813	18,156
DBG	Dillsburg	1,140	11.390	12,985
DIL	Northern High School	192	10.901	2,093
TOTALS	25	26,038		353,134
AVERAGE				13.562

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
1																											
2																											
3	Average of Reading	Location Code																									
4	Date	AIR	CH3	OAU	DBG	OIL	DMR	ETN2	ETT	HBG8	LAN1	LAN2	LPT2	LPT3	LWN	MDT6	MDT7	MDT8	MHS	MVL2	NOT	PBT	PHL	SAHS	WIN	YRK	Grand Total
5	1/1/04		12.0		13.5			12.6	12.2		15.2		12.0	15.2	10.2					14.0	19.0	13.8	12.8		8.0	13.6	13.475
6	1/2/04		12.0	13.2	10.5			12.2	8.0		15.4		12.5	14.8						18.0	17.8	12.2	10.8		7.0	13.2	12.707
7	1/3/04		12.0		10.0			13.2	12.4	12.0	15.8		14.4	14.4						13.0	20.0	11.4	15.4		11.0	14.0	13.780
8	1/4/04		13.0		11.2			11.2	14.0	10.5	13.6			15.4	7.6					15.5	20.0	12.0	12.8		14.0	11.8	12.983
9	1/5/04		11.0		8.0	9.5		16.4	14.6	17.0	14.8	12.4		16.6	11.2	12.4	13.4			14.0	18.6	9.2	16.0	20.0	13.0	12.6	13.363
10	1/6/04		12.0		11.2	11.0		11.6	11.4	11.5	14.4	13.2	14.6	13.6	10.8	13.8				11.7	18.4	11.8	11.8	15.0	14.0	14.0	12.566
11	1/7/04		12.0		10.8	14.4		12.4	14.2	9.0	15.4	11.6		11.2	12.4	14.2				18.5	19.2	13.4	12.6	15.0	16.0	13.0	13.427
12	1/8/04		12.0		12.5	13.2		10.2	11.0	13.0	13.0	9.8	13.0	14.6	15.8	12.2				14.3	21.8	12.0	11.6	15.0	13.0	10.4	12.962
13	1/9/04				9.0	14.4		14.2	13.6	13.5	15.0	9.4		13.2	9.8	17.8				14.5	20.2	12.0	11.0	19.0	8.0	12.0	13.304
14	1/10/04		12.0		12.5			11.2	13.6	14.0	15.4	10.2		13.2	11.0					13.8	22.8	17.8	16.6	19.5	17.0	14.0	14.354
15	1/11/04		13.0		9.0			10.6	12.2	14.0	15.8	11.8		16.0	10.0					12.7	22.0	13.3	14.2	17.0	20.0	15.2	13.734
16	1/12/04	12.4	12.0		12.3	8.0		12.0	14.8	15.0	15.2	10.6	20.0	12.2	13.0	13.2	15.8			14.7	20.6	12.0	14.0	15.0	12.0	11.2	13.440
17	1/13/04	14.8	12.0	13.4	17.0	10.8		13.0	13.4	11.7	18.0	13.4	13.6	15.4	11.0	14.4				13.3	23.0	9.4	12.4		11.0	14.0	13.535
18	1/14/04	15.8	12.0	15.2	14.5	10.5		13.2	12.4	10.0	14.0	13.0		14.0	12.8	10.4				18.5	21.0	15.2	12.6	18.0	13.0	11.6	13.728
19	1/15/04	11.6	12.0	11.8	12.0	12.0		11.2	12.4	12.0	18.0	13.2		11.6		9.0	18.0			9.3	22.6	12.0	13.0		15.0	14.8	13.229
20	1/16/04	13.6	12.0	15.4	10.8	10.5		9.6	12.4	11.0	10.0	13.8		14.0		11.0				14.0	20.8	12.0	12.2	20.0	18.0	13.4	12.949
21	1/17/04	13.6	12.0	14.6	14.3			12.2	9.4	15.0	14.4	11.4		16.4						14.0	19.1	13.6	11.6	17.0	19.0	14.6	13.800
22	1/18/04	11.4	12.0	14.8	12.8			12.6	16.6	14.0	14.8	15.2	12.5	16.0						11.3	20.4	13.5	12.0	20.0	13.0	18.0	14.264
23	1/19/04	13.8	12.0	12.4	10.3			11.6	9.0	12.0	14.8	12.0		15.2	14.8					17.0	19.2	12.5	13.2		13.0	13.0	13.338
24	1/20/04	12.8	11.0	12.0	11.0			10.0	13.4	13.0	17.8	9.2		13.4	9.2	14.0				11.3	17.4	10.8	12.8	17.0	12.0	13.0	12.583
25	1/21/04	10.6	12.0		10.5			12.8	7.2		14.4	15.8		14.8	10.4	14.2				11.0	22.2	10.8	13.2	17.0	12.0	12.6	13.000
26	1/22/04	8.6	12.0	13.4	10.0			14.0	13.2		14.6	11.2		14.8	7.8					18.7	17.4	10.6	10.6	20.0	14.0	13.6	12.725
27	1/23/04	13.4	12.0	15.0	11.7			11.6	9.8		14.2	10.8		14.0	8.0	17.2				13.5	18.0	12.0	12.8	17.0	8.0	11.0	12.803
28	1/24/04	15.8		15.4	11.8			12.0	12.0		14.4	10.8			12.3					15.7	18.2	13.0	12.2		15.0	11.6	13.286
29	1/25/04	11.2	11.0	12.6	13.8			11.0	12.2		18.0	13.8			10.8					11.0	18.8	12.4	11.0		17.0	13.4	12.896
30	1/26/04	14.6	12.0	14.6	16.0			15.0	11.2		11.5			11.0	16.0						19.0	9.0	13.4		14.0	11.8	13.450
31	1/27/04	13.2	12.0	13.5	11.0			13.6	13.8					11.4	14.8					11.7	18.2	11.6	14.2		8.0	13.8	13.308
32	1/28/04	10.3	13.0	16.4	8.5			11.0	12.5			10.8		11.2	11.8	12.0				14.6	17.2	12.0	12.0		10.0	10.5	12.377
33	1/29/04	12.0	11.0	15.2	10.0			10.2	11.0			12.0		14.4	10.2					12.0	14.8	13.0	15.0	22.0	14.0	12.6	12.647
34	1/30/04	10.8		11.2	7.7			9.8	12.0					12.6	9.8					13.0	20.4	11.4	13.0	15.0	20.0	15.0	12.545
35	1/31/04	14.5	12.0	13.2	11.0			11.6	12.6				12.0	15.2	11.8					13.8	19.4	14.0	13.6		12.0	14.6	13.700
36	2/1/04		12.0		11.5		17.2	11.0	10.6		18.2			11.2	7.8					18.0		11.8	12.4		11.0	13.4	12.439
37	2/2/04		12.0		10.0	10.8	14.8	9.4	11.2		15.6			13.4	8.8	11.4				13.5		12.8	11.8		12.0	12.2	11.740
38	2/3/04		12.0		12.3		19.2	10.8	10.2				13.6	12.2	7.6	11.6				14.0		11.2	13.0		10.0	15.4	12.410
39	2/4/04				11.0	11.3	18.2	13.8	11.6	13.0		12.2	14.5	12.6	9.2	12.0				13.7		10.8	11.8		4.0	8.2	12.000
40	2/5/04	13.4			11.4	9.3	18.0	12.4	12.2	14.0		11.8		12.8	10.2					11.0		10.6	13.2		9.0	14.6	12.478
41	2/6/04	10.6	12.0		10.5	10.8	15.0	15.0	14.6	10.5				14.8	9.8					13.5		11.4	14.0		14.0	14.6	12.766
42	2/7/04	11.5	12.0		9.7	9.0	20.2	13.0	13.0	18.0		11.4	12.0	13.2	11.0		16.6			12.0		13.6	12.8		14.0	15.4	13.510
43	2/8/04	12.4	12.0		8.4		15.0	8.6	13.0			11.8		11.8	12.2					10.7		12.0	11.8		14.0	9.6	11.909
44	2/9/04	17.0			9.5		15.8	13.4	11.0			11.8	12.3	12.0	10.6	14.0				13.0		11.0	11.4		7.0	10.2	12.153
45	2/10/04	12.5	11.0		11.8	9.3	19.8	13.0	10.0			13.4	13.0	14.0	13.4	9.2				16.3		13.8	10.8		12.0	15.4	12.887
46	2/11/04	15.0			8.0	9.0	17.6	14.2	10.8			9.8	14.0	16.8	9.0	14.4				9.7		11.0	12.8		10.0	15.8	12.603
47	2/12/04	13.4	12.8		11.5	9.7	18.0	10.8	12.8	18.5		10.8	17.0	12.8	11.2	14.0				13.0		10.3	14.0		18.0	13.8	12.878
48	2/13/04	12.8	12.0		10.3	7.7	14.0	14.4	11.6	11.0		10.4	17.0	12.4	8.8	14.4				13.7		13.0	10.8		10.0	13.6	12.097
49	2/14/04	11.6	12.0		11.0		17.6	12.2	13.4	12.0		12.5		16.8	12.8	16.0				10.0		13.4	13.6		16.0	14.6	13.652
50	2/15/04	12.4	12.0		10.3		19.6	11.2	12.6			10.6		11.2	8.0					4.5		12.3	13.0		16.0	14.0	12.131
51	2/16/04	13.8	12.0		11.0		18.2	12.6	11.0	12.0		13.0		12.0	11.0	14.0				18.0		11.0	16.2		17.0	15.0	12.853
52	2/17/04	15.3	12.0		11.0	11.3	18.6	14.0	13.0				16.7	16.2	16.0	13.0				14.7		12.4	12.6		10.0	12.4	13.841
53	2/18/04	11.6		11.4	14.3	9.4	15.6	12.6	12.2		16.0			15.0	10.6	13.8				16.0		11.4	11.8		15.0	14.0	13.103
54	2/19/04	12.3	12.0		11.0	11.6	21.2	13.0	10.8	12.0	13.3			12.6	11.2					12.0		13.8	11.8		13.0	14.8	13.068
55	2/20/04	12.4			11.7	15.0	14.0	11.4	12.6	10.0	13.7		13.6	13.0	10.4					14.3		14.8	13.8		15.0	14.4	13.049
56	2/21/04	13.6	12.0		13.8	8.0	20.2	11.8	10.8	15.0		18.8		14.0	11.2		17.2			12.7		12.8	12.4		11.0	10.6	13.208
57	2/22/04	10.6	12.0		13.3	11.5	21.2	15.0	12.2	9.0	11.2	11.2	13.0	14.2	11.4	11.8						9.3	14.0		14.0	13.0	12.816
58	2/23/04	14.0	12.0		10.0	10.0	17.2	10.2	12.4	13.0	10.8	14.6		13.6	13.2	16.0	15.6					10.4	13.2		12.0	12.0	12.923
59	2/24/04	9.0			10.0	8.8	19.8	11.4	12.4	14.5	18.6			17.0	13.0	12.5						13.4	16.4		11.0	11.6	13.438
60	2/25/04	11.5			12.6	12.3	16.6	15.4	10.8	15.0	14.8			15.0	11.4	13.4						13.4	15.0		9.0	14.6	13.738
61	2/26/04	13.6	11.0		13.3	13.7	18.6	11.8	12.4		12.6		11.0	14.8	12.8	15.0	17.8					14.8	12.0		15.0	13.0	13.770
62	2/27/04	11.0	12.0		12.0	9.7	15.6	12.2	13.8		13.8			10.8	11.6	15.2	18.0					12.4	13.4		13.0	11.2	12.833
63	2/28/04	10.8	12.0		13.0		15.2	15.6	10.8		14.0			13.8	12.4					11.0		9.6	13.8		16.0	13.6	12.871
64	2/29/04	9.4			12.0		17.2	15.0	11.0	12.0	13.6		14.0	15.0	9.3					13.3		10.8	11.4			11.6	12.603

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
4	Date	AIR	CHS	DAU	DBG	DIL	DMR	ETN2	ETT	HBG8	LAN1	LAN2	LPT2	LPT3	LWN	MDT8	MDT7	MDT8	MHS	MVL2	NOT	PBT	PHL	SAHS	WIN	YRK	Grand Total
65	3/1/04	12.0	11.0	11.4	12.8		15.4	14.4		11.0	13.0	11.4		12.8	10.8	15.0				14.5	15.8	13.0	12.2		14.0	15.6	13.130
66	3/2/04	11.2	12.0	16.2	9.3		20.8	10.6		11.0	12.8	14.4	14.0	17.8	11.6	10.6				14.0	15.8	13.4	10.6		11.0	13.6	13.413
67	3/3/04	13.2	12.0	17.4	12.0		18.2	14.0			14.0	13.2		13.4	10.4	14.2				14.7	19.4	11.0	12.4		10.0	12.6	13.857
68	3/4/04	13.4	12.0	14.2	12.3		17.2	15.4		13.0	10.8	11.4		14.6	12.4	14.6	17.6			18.5	16.4	8.6	12.8		9.0	11.2	13.523
69	3/5/04	11.3	12.0	13.6	11.0		20.4	13.0	11.6	19.0		11.4	11.0	14.8	11.4	13.6				13.0	19.6	9.3	12.0		14.0	12.0	13.210
70	3/6/04	15.2	13.0	15.8			18.8	14.8	15.2	12.5	14.7	9.8	14.3	16.8	9.6					13.3	15.8	10.5	11.8		12.0	15.0	13.866
71	3/7/04	14.8	12.0		7.7		18.8	17.0	14.2	12.0	13.8	12.6		14.4	11.4					10.0	18.0	12.0	13.8		12.0	12.2	13.111
72	3/8/04	18.8	12.0		9.7		17.8	13.8	12.6	13.0	15.7	15.0		13.8	12.2	12.0				9.7	17.0	13.4	10.2		13.0	12.8	13.526
73	3/9/04	18.6	11.0	16.4	10.8		18.8	12.8	14.2	14.0	18.0	11.0		14.2	11.8	14.0				15.0	20.2	11.2	14.0		11.0	14.6	14.185
74	3/10/04	15.0	12.0	15.2	9.3		19.0	17.2	10.8	18.0	12.7	14.7		11.2	11.6	14.4				14.3	17.0	10.2	14.2		13.0	16.2	13.975
75	3/11/04	14.0	13.0	18.2	13.6		18.4	12.0	14.6	19.0	11.5	10.6	13.0	13.4	12.6	15.4				12.3	17.0	7.8	13.6		12.0	11.6	13.429
76	3/12/04	12.6	13.0	15.6	10.0		22.0	11.0	13.6	11.0	12.6	13.6	13.5	13.2	12.4	15.4				15.5	24.4	11.0	16.2		13.0	12.6	14.318
77	3/13/04	12.0	12.0	15.2	7.7		17.4	11.8	11.4	11.0	13.2	14.0		13.8	13.6					14.7	17.6	9.0	13.0		14.0	10.6	13.148
78	3/14/04	12.8	12.0	13.4	12.2		18.2	13.2	12.2		13.0	10.8	11.0	10.6	7.5					17.9	19.6	10.8	14.6		18.0	13.2	13.218
79	3/15/04	11.8	12.0	12.0	14.0		21.2	12.2	12.4	12.0	13.8	13.6	11.3	13.4	11.2	13.6				11.9	20.0	9.2	13.0		11.0	14.2	13.402
80	3/16/04	12.4	13.0	15.6	9.3		18.8	14.4	10.6		15.6	11.2		12.2	11.4	13.6	17.8			14.7	21.0	11.6	13.6		13.0	10.8	13.805
81	3/17/04	14.2		12.8	9.0		22.2	11.8	13.2	16.0	13.8	12.6		12.8	15.6	14.6	19.8			17.0	21.8	10.5	11.0		8.0	11.2	14.325
82	3/18/04	11.6	12.0	15.8	10.0		15.6	13.6	12.2		12.6	15.2		18.0	12.0	12.0				13.0	19.6	12.6	11.4		15.0	13.4	13.568
83	3/19/04	12.0		13.2			20.8	14.6	12.2	9.0	17.6	15.2	11.0	14.2	9.6	17.4	14.6			15.0	16.4	10.8	14.0		13.0	15.2	14.407
84	3/20/04	10.6	13.0	11.4			15.6	14.2	12.4	11.0	13.2	10.6	13.0	15.4	10.6					13.7	17.6	7.0	12.4		10.0	15.4	13.014
85	3/21/04	12.2	12.0	16.6			19.0	13.0	10.2		13.0	12.2	9.5	12.0	12.4					13.0	20.4	11.8	14.0		14.0	13.2	13.571
86	3/22/04	14.2		17.4			14.8	11.8	11.2		16.2	15.3		13.2	10.6	13.6				12.0	18.2	12.5	13.2		13.0	15.0	14.042
87	3/23/04	12.0		13.4	9.0		17.2	10.4	13.0	12.0	14.8	14.2	13.0	11.4	15.0	15.2	17.4			10.0	16.8	13.4	13.0		15.0	11.0	13.541
88	3/24/04	12.6	11.0		10.0		17.6	12.0	13.4	10.0	12.4	11.2		15.2	13.8	15.6	13.7			13.7	17.4		14.0		12.0	11.4	13.408
89	3/25/04	13.5		13.4	11.7		18.8	12.4	15.0		15.0	14.4		12.0	14.6	19.2	13.8			11.5	16.6		13.6		16.0	9.8	14.423
90	3/26/04		11.0	13.4	12.6			14.4	11.4		13.8	12.8		14.2	13.0	14.4				16.5	17.0		13.0		12.0	14.2	13.543
91	3/27/04		12.0	11.4	12.3		17.8	13.6	14.6		12.8	17.0	11.0	16.4	7.6		14.2			12.0	16.8	12.0	13.8		11.0	15.6	13.885
92	3/28/04		11.0	12.6	11.3		15.0	12.4	13.0	13.0	13.4			14.6	10.4					16.5	16.8	10.5	12.0		14.0	14.2	13.044
93	3/29/04	14.3	12.0	11.8	9.5		17.2	12.2	10.2	10.0	15.2		9.0	16.2	10.0	15.2				14.0	15.2	10.2	15.6		13.0	14.6	13.351
94	3/30/04	13.0		13.0	8.8		16.6	10.6	11.8		15.4			13.8	13.2	11.4				14.5	18.8	11.8	14.0		9.0	16.0	13.488
95	3/31/04	11.0	12.0	13.8	13.0		16.2	10.6	13.0	13.5	14.0			17.8		13.6				11.5	19.0	13.4	13.0		11.0	12.0	13.718
96	4/1/04			13.2	11.7	13.8	20.2	12.0	13.4		14.4	13.8	12.8	17.8	16.0	15.2				19.0	18.2	11.5	16.4	16.0	13.0	15.8	14.963
97	4/2/04	18.3		14.0	10.5	11.0	19.4	9.6	9.8		13.4	15.2	13.0	13.4	13.2	15.0				15.0	18.6	12.8	14.6	13.0	15.0	15.6	14.138
98	4/3/04	18.0		11.4	8.5	11.0	21.2	9.4	12.8		15.6	10.7		12.8	12.5					12.5	18.2	11.7	14.6		15.0	18.4	13.758
99	4/4/04	11.0	12.0	12.2	14.7	18.0	20.8	11.0	11.8	10.0	14.4	13.6		17.4	12.0					12.8	19.0	14.3	11.8	18.0	12.0	17.6	13.921
100	4/5/04	12.0	12.0	16.3	9.5	13.3	15.8	9.2	11.4	13.0	15.6	13.6		14.0	16.4	15.8				16.7	20.2	11.8	16.0	15.0	12.0	14.2	14.143
101	4/6/04	9.7	12.0	12.8		7.7	16.8	8.2	12.0	17.0	17.5	13.2		14.2	12.8	14.8				12.0	21.0	12.8	14.8	14.0	13.0	14.6	13.602
102	4/7/04	12.0	11.0	13.8	10.5	10.0	17.4	14.4	15.6	12.5	15.8	11.4		14.6	12.2	15.0				14.7	17.4	14.5	13.2	22.0	13.0	14.8	13.953
103	4/8/04	13.0	12.0	14.4	13.3	6.0	19.0	9.2	11.6		14.2	16.0		12.6	12.0					11.5	22.2	9.0	12.0		9.0	13.0	13.368
104	4/9/04	12.8	11.0	15.0	11.8		17.8	12.2	11.8		12.5	13.2	19.0	15.6	9.8					15.7	18.8	11.5	12.0	18.0	9.0	12.6	13.500
105	4/10/04	14.0		13.6	13.3		18.8	12.2	13.2		11.4		11.0	13.4	12.8					15.3	17.2	12.2	14.4	19.0	18.0	13.8	14.045
106	4/11/04	13.0	11.0	11.6	11.3		20.0	10.4	12.0		15.0	11.4	8.0	12.4	12.8					18.0	20.0	11.7	14.2	21.0	14.0	12.4	13.587
107	4/12/04	14.5	12.0	15.0	13.3	8.8	18.2	9.6	12.4		16.6			13.6	10.0					9.0	18.6	10.6	14.6		10.0	12.0	13.200
108	4/13/04	13.5	12.0	14.2	8.3	8.4	17.4	12.6	14.0	10.0	12.3			13.6	11.6	15.2					17.4	11.5	14.6	25.0	20.0	11.4	13.960
109	4/14/04	14.3		14.0	11.8	12.3	18.2	10.4	11.4		13.0	17.0	14.5	13.8	13.4	16.0					14.6	13.6	16.8	18.0	19.0	13.4	14.133
110	4/15/04	19.0	12.0	14.4	9.0	12.3	19.6	11.0	10.2	15.0	14.4		14.0	16.2	13.6	16.0				17.0	17.4	9.8	14.8	19.0		15.6	14.088
111	4/16/04	15.4	13.0	12.4	13.5	12.8	17.2	10.6	11.0	9.0	14.2			12.8	13.0	13.0				13.0	18.2	12.4	13.4	20.0	5.0	14.4	13.484
112	4/17/04	12.0	12.0	11.8	10.0		22.8	10.3	13.2	18.0	12.0		13.8	15.4	12.8					14.0	19.8	11.8	14.2	22.0	18.0	15.4	14.188
113	4/18/04	14.0	15.0	13.8	12.8		18.4	11.2	13.8	13.0	13.2		14.0	11.8	10.6					15.3	15.2	10.2	9.8	19.0	10.0	15.2	13.311
114	4/19/04	13.0	13.0	12.6	9.0	9.6	20.2	12.6	12.6		18.0	14.4	12.3	18.0	9.8	18.0				11.0	19.4	12.8	15.2	19.0	11.0	14.4	14.122
115	4/20/04	10.3	13.0	12.6	10.0	11.3	20.6	12.8	13.4		17.4	12.2	11.2	18.2	10.4	13.2	15.2			12.3	14.6	12.2	12.2	16.0	18.0	15.0	13.521
116	4/21/04	21.0		13.0	10.5	10.0	19.6	11.6	11.0		12.6	14.5		14.8	11.8	15.0				12.0	18.8	11.5	10.0	21.0	12.0	14.4	13.408
117	4/22/04	9.5	12.0	14.4	11.5	10.7		11.6	13.6		14.6	10.6		14.6	12.8	14.6				15.0	18.6	11.0	11.8	18.0	8.0	13.2	13.256
118	4/23/04	12.2	12.0	14.8	11.4	11.7	20.8	9.7	12.6		15.0			14.2	12.2	13.4				11.0	18.6	9.7	12.8	13.0	14.0	12.2	13.513
119	4/24/04	12.2	12.0	15.0	10.3	10.0	19.8	13.8	11.0		12.8	11.4		16.0	12.2					13.0	18.8	10.5	13.6	20.0	15.0	10.8	13.545
120	4/25/04	14.6	13.0	13.6	12.6	16.0	17.6	12.4		11.0	11.0	10.6	12.7	13.0	12.8					17.7	16.8	12.3	14.6		13.0	14.6	13.875
121	4/26/04	10.3	12.0	13.2	10.7	9.8	17.6	13.4	12.2	12.0	12.8		11.3	18.4	14.2	11.4				14.0	13.8	13.4	10.2	18.0	11.0	13.6	13.071
122	4/27/04	10.6	12.0	14.4	11.8	13.0	14.3	11.0	12.0		15.0	12.2		15.6	15.6	11.6				15.0	18.8	11.4	11.8	15.0	12.0	13.2	13.238
123	4/28/04	12.2		11.0	11.7	10.3	15.4	14.4	9.4	13.0	15.2			13.8	13.2	11.8				16.3	16.8	9.0	10.6	15.0	13.0	13.6	12.842
124	4/29/04	15.0	12.0		10.3	13.0	17.2	13.6	10.8	13.3	12.0	13.0		9.8	13.4					14.5	15.2	12.4	11.0	21.0	11.0	12.6	12.622
125	4/30/04	9.4		13.0	11.8	13.0	17.4	13.6	10.8	14.5	12.0	11.2	15.0	11.6						13.5	18.2	12.0	13.2	18.0	12.0	11.2	13.013
126	5/1/04	12.6	12.0	15.6	18.4		18.0	14.6	11.6	11.0	14.0	15.0		14.0						18.0	18.4	12.0	14.6			14.8	14.536
127	5/2/04	13.2	12.0	15.6	8.0		19.6	15.8	16.0		18.2	19.4	14.8	17.4						8.7	15.8	11.3	11.4			15.4	14.173
128	5/3/04	9.8	12.0	10.2	15.0		16.2	14.8	12.6	10.5	18.0	12.4	11.0	18.4						14.6	19.8	13.6	12.6	18.0		15.4	13.885

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
#	Date	AIR	CHG	DAU	DBG	DIL	DMR	ETN2	ETT	HBG8	LAN1	LAN2	LPT2	LPT3	LWN	MDT8	MDT7	MDT8	MHS	MVL2	NOT	PBT	PHL	SAHS	WIN	YRK	Grand Total
129	5/4/04	14.4	11.0		10.5		19.2	15.2	12.0	14.5	13.3	13.8		13.0	11.5	18.2				16.7	18.2	12.0	13.4	14.0		14.8	13.937
130	5/5/04	13.4	13.0		13.0		21.2	11.8	13.2	14.5	13.4	12.8	12.5	14.6	10.8	14.4				15.7	15.6	14.3	18.6	15.0		12.8	14.100
131	5/6/04	11.8	12.0		14.3		18.4	13.2	12.0	13.0	12.2	14.2		13.8	13.4	14.0				13.7	14.9	13.0	14.6	22.0		17.8	14.025
132	5/7/04	11.8		13.0	12.5		18.8	14.6	13.6	9.0	10.0			11.6	15.2	15.6				15.7	18.2	12.8	11.4	17.0		15.2	13.892
133	5/8/04	12.8	12.0	11.2	11.3		17.8	13.2	12.2	13.5	15.0			15.0	12.0					10.3		11.8	13.4	17.0		12.8	13.130
134	5/9/04	14.8	12.0	15.0	11.2		18.4	13.8		11.5	11.4	12.4		14.4	10.8					14.5	17.8	9.4	13.6	18.0		16.2	13.960
135	5/10/04	12.0	13.0	11.8	12.5		19.0	10.4	10.6		13.4	12.2	12.5	14.0	15.0	15.8				13.5	17.2	12.6	13.0	15.0		15.2	13.598
136	5/11/04	15.8	12.0		14.3		14.3	12.0	10.6		11.2	11.8	14.0	15.2	13.8	20.0				16.0	18.8	13.2	9.8	15.0		13.4	13.810
137	5/12/04	14.4	12.0	16.0	12.5		17.6	10.8	10.6		12.0	12.4		13.8		15.2				14.5	11.8	10.4	13.0	16.0		17.0	13.423
138	5/13/04	11.0	12.0	13.0	14.7		16.8	8.8	11.4		17.0	13.0		14.0		14.0				12.0	16.8	13.0	11.4	15.0		13.4	13.306
139	5/14/04	13.6	12.0	13.8	9.3		18.4	12.5	15.2		12.6	12.3		15.4		13.8	14.4			15.0	16.8	9.8	12.0	18.0		11.6	13.543
140	5/15/04	16.4	13.0	13.0	9.8		19.2	13.2	11.4	10.0	12.8	8.8		10.8	12.0	18.0				15.5	17.8	10.5	14.6			14.6	13.568
141	5/16/04		11.0	12.6	8.4		17.2	10.4	11.4		11.2	10.6		14.6	11.2					13.7	18.2	10.0	13.4			13.8	12.451
142	5/17/04	7.3	12.0	14.4	9.0		17.2	11.0	10.4	15.5	11.0	14.4		12.2	14.4					12.5	19.0	12.6	16.6	19.0		17.0	13.558
143	5/18/04	9.8	12.0	15.0	13.0		16.2	12.2	14.0	14.0	10.8	11.8		17.2	13.0	15.6				15.0	18.8	14.6	12.2	18.0		15.4	13.668
144	5/19/04	12.8		14.0	10.5		20.6	12.8	10.6	14.0	13.0	8.5		15.2	11.8	17.4				17.0	17.2	8.6	14.6	15.0		13.8	13.571
145	5/20/04	12.6	13.0	12.8	10.6		19.6	12.4	12.8	15.0	13.6	10.4		15.6		13.6				19.0	15.3	11.4	9.6	17.0		12.8	13.434
146	5/21/04	13.3		15.6	10.6		17.4	11.8	10.8		12.0			11.6		13.4				17.3	20.6	14.0	12.2	15.0		12.8	13.735
147	5/22/04	8.8	13.0	16.2	15.5		20.0	12.2	12.6		12.6			15.8						16.3	19.0	13.5	8.6	18.0		15.0	14.138
148	5/23/04	9.4	12.0	12.8	12.2		21.8	14.4	11.6		13.6			15.0	14.8					14.5	16.6	10.0	12.2	19.0		15.2	13.881
149	5/24/04	11.3		16.8	8.0		17.4	13.2	12.0		13.2	12.4		11.8	13.0	12.4				12.3	18.0	14.5	12.6	21.0		13.6	13.573
150	5/25/04	11.0	12.0	14.3	11.0		15.4		11.2		15.5	12.6	11.8	11.4	13.0	15.4					15.8	12.0	12.3	19.0		15.0	13.329
151	5/29/04	10.8	12.0	12.0	12.0		20.2	12.6	13.6		11.6	13.3	10.0	14.2	15.4	15.0				13.0	14.4	12.2	10.6	17.0		14.4	13.398
152	5/27/04	14.2	12.0	14.4	10.2		20.6	11.6	13.0		11.9	9.8	14.0	11.6	11.8	18.4				14.7	15.4	14.4	10.6	15.0		15.6	13.468
153	5/28/04	14.8	13.0	11.2	9.7		16.6	14.2	9.8		13.0	12.8		13.6	13.0	18.0				11.7	18.0	14.5	9.4	20.0		17.2	13.643
154	5/29/04	12.6	12.0	14.2	10.3			14.0	10.4	15.0	13.0	9.4	11.0	15.6	14.8					15.3	17.6	8.8	11.2	18.0		14.8	13.068
155	5/30/04	13.0	12.0	14.8	15.0		18.2	12.2	11.2		11.6			12.8	16.2					13.0	21.4	12.8	11.6			9.6	13.960
156	5/31/04	12.4	13.0	17.6	13.3		17.6	12.3	14.2	17.0	14.2			15.4	12.6					14.0	19.2	12.6	14.4			12.8	14.542
157	6/1/04	12.0		18.2	11.5		20.6	14.8	15.6	13.0	12.0			16.8	12.0	14.4				15.0	17.2	12.2	12.2			13.8	14.443
158	6/2/04	14.8	12.0	13.2	11.0		16.4	14.2	12.0		15.8	15.0		14.8	14.6	12.4				10.5	16.8	11.3	12.0			14.6	13.859
159	6/3/04	13.6	13.0	13.6	8.8		17.0	13.8	12.8		14.4	9.8		13.6	8.0	15.4				10.0	18.2	10.6	12.2			12.6	12.938
160	6/4/04	12.2		11.2	11.8		17.0	12.0	8.2		10.8	14.8		12.8	8.4					14.0	18.2	16.0	12.4		10.0	10.0	12.562
161	6/5/04	12.4	12.0	12.4	12.2		18.8		12.8		11.0			13.6	12.2					9.7	17.6	12.3	14.2		17.0	11.2	13.266
162	6/6/04	15.6	12.0	13.8	12.0		17.0		11.8	17.0	14.2	13.6			12.2					11.0	14.8	12.2	11.4		12.0	13.2	13.441
163	6/7/04	18.6	12.0	13.4	10.0		19.8		11.4		10.4	12.6		18.6						11.0	21.8	12.3	12.6		13.0	14.0	14.123
164	6/8/04	13.0	12.0	12.0	11.3		18.2		9.2	10.5	14.2			13.2						11.0	17.2	9.0	12.6		10.0	13.8	12.646
165	6/9/04	14.8	12.0	15.4	12.0		18.8	11.0	10.8		13.7			12.2					14.3	15.0	18.2	11.0	15.6		13.0	12.8	13.716
166	6/10/04	13.5		12.4	12.0		20.4	14.4	13.8	15.0	14.0	13.0		12.0					14.2	15.3	20.8	11.5	14.0		9.0	10.6	14.208
167	6/11/04	12.0		15.8	9.0		18.4	14.4	14.8	17.0	14.8	11.6		13.4	13.0					13.5	17.2	8.3	12.6		11.0	18.6	14.058
168	6/12/04	13.6		13.4	10.0		15.2	12.4	13.6		12.5	13.0		14.2	11.2					15.3	11.4	15.7	14.8			13.4	13.262
169	6/13/04	15.0	12.0	14.4	11.0		18.2	13.4	9.4	15.0	12.2	12.0		13.0					15.0	11.5	19.4	12.8	12.4		13.0	13.4	13.513
170	6/14/04	10.5	13.0	15.8	10.0		19.4	12.8	12.4		12.6	14.2		13.2					12.0	18.0	18.0	11.5	11.6		21.0	16.4	13.986
171	6/15/04	13.4		14.4	11.5		18.6	17.0	11.6		14.2	10.3		12.6	13.2				9.6	13.0	17.6	12.8	14.8		15.0	12.6	13.600
172	6/16/04	14.3	11.0	12.8	9.7		19.4	13.8	12.6	14.0	13.0	12.6		13.2					10.8	11.5	19.2	10.8	11.8		9.0	13.6	13.224
173	6/17/04		12.0	15.6	7.0		21.4	12.6	12.2		13.6			18.6					15.2	14.7	16.8	9.8	10.2			13.2	14.048
174	6/18/04	14.2		14.6	8.3		19.2	14.0	14.0	24.0	12.4			11.2					9.5	12.0	17.6	12.2	15.0			13.2	13.844
175	6/19/04	14.4		13.6	13.2		18.4	12.6	13.6	19.0	10.8	13.0		17.0					13.5	15.0	17.8	11.0	13.6			10.6	13.955
176	6/20/04	12.0	11.0	10.4	8.8		19.4	13.0	14.6		11.6	14.5		14.8					10.0	15.5	16.8	12.4	11.4			14.2	13.186
177	6/21/04	13.6		14.4	12.8		15.6	9.6	14.2	11.0	13.6	12.4		14.2					14.4	18.0	15.2	13.5	14.6			12.2	13.894
178	6/22/04	12.6	12.0	14.4	12.5		15.6	12.4	10.4		17.4	12.8		13.4			18.6		17.5	11.0	15.2	11.0	15.0			11.8	13.750
179	6/23/04	14.8		11.6	12.5		17.2	13.6	12.2		11.8	11.7		15.4					12.2	16.7	15.2	11.2	16.4			14.0	13.329
180	6/24/04	13.3	12.0	14.8	9.0		19.2	11.2	11.2	11.3	14.4	12.2		14.8					15.5	16.7	16.0	12.0	13.0			15.6	13.562
181	6/25/04	13.2		11.4	11.7		17.8	12.8	13.2	12.0	12.4			11.8					18.0	16.3	16.8	9.8	13.6			12.0	13.606
182	6/26/04	11.0	12.0	14.4	9.0		14.4	12.6	11.8		9.0	11.8		14.8					14.0	11.7	19.2	13.3	10.0			16.4	12.957
183	6/27/04	14.0	12.0	13.4	11.2		18.6	12.2	13.2	6.0	18.0	10.8		14.6					14.0	13.0	18.2	13.4	14.6			12.2	13.700
184	6/28/04	15.0		13.2	12.0		16.4	12.8	12.0		9.8								12.5	13.0	16.8	10.0	11.4			14.0	13.088
185	6/29/04	12.0		16.6	14.4		14.8	14.2	11.6	12.0	14.0	13.2		12.8			16.2		8.6	18.0	15.8	12.6	14.4			14.4	13.907
186	6/30/04	13.0	12.0	12.8	11.5		15.2	12.6	13.4	15.0	15.7	13.6		14.0					11.0	12.5	15.0	12.3	13.4			13.8	13.333
187	7/1/04	14.8	13.0	14.0	12.6		17.6	11.8		11.5	13.2								15.0	10.0	18.0	8.0	14.0			17.6	13.968
188	7/2/04	12.6	12.0	12.2	10.0		18.6	9.4						15.0					13.0	15.0	16.6	15.6	15.4			17.4	14.034
189	7/3/04	9.0	12.0	11.6	11.3		17.0	11.8						16.0					11.3	14.7	20.0	11.2	12.6			12.4	13.500
190	7/4/04	14.2	12.0	13.8	10.0		17.0	14.4		10.0		11.8							9.5	12.5	19.0	12.4	10.6			14.2	13.350
191	7/5/04	12.2			8.3		19.2	13.8			11.6			16.0	10.6				15.0	17.0	17.8	10.3	15.4			13.6	14.071
192	7/6/04	15.6		13.4	10.3		18.6	12.0			13.2	12.2		15.6	10.5					11.7	16.0	11.3	14.0			13.2	13.800

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
4	Date	AIR	CH3	OAU	OBG	DIL	DMR	ETN2	ETT	HBG8	LAN1	LAN2	LPT2	LPT3	LWN	MDT6	MDT7	MDT8	MHS	MVL2	NOT	PBT	PHL	SAHS	WIN	YPK	Grand Total
193	7/7/04	13.6		11.4	12.0		17.2	13.2			12.8			14.8	8.2				13.8	15.0	14.8	12.0	12.2			13.6	13.194
194	7/8/04	14.4	12.0	13.0	12.5		18.4	11.6			13.4			15.0	13.0				14.3	11.0	18.6	12.5	10.2			14.2	13.653
195	7/9/04	11.6		13.6	11.6		18.0	11.0			13.0	13.5		12.4	14.4				11.5	10.3	20.0	10.4	10.8			13.6	13.143
196	7/10/03	11.6		14.0	12.7		23.0	15.2			13.2	13.8		15.0	13.2					13.0	19.2	13.8	10.2			15.6	14.662
197	7/11/04	14.4	12.0	15.4	9.2		20.8	12.0		10.0	12.2	12.3		14.6	13.2				17.9	15.0	16.4	11.0	9.4			14.5	13.455
198	7/13/04	12.0	12.0		11.0		19.8	12.4		15.0	14.4	12.8	17.5	13.6	11.0				15.5	16.3	19.6	11.8	12.6			14.0	14.087
199	7/13/04		12.0	11.6	11.5		17.2	13.8			13.4	9.6	15.5	15.8					15.0	14.5	13.8	10.8	9.6			14.4	13.088
200	7/14/04	12.2	12.0	13.4	8.3			13.4			14.8		12.5	17.8			18.2		18.0	18.4	15.2	14.8	18.0			15.8	14.542
201	7/15/04	12.2	12.0	11.8	9.8			11.2			11.8	12.8		13.4					11.0	9.0	14.8	14.8	10.8			12.2	12.092
202	7/16/04	9.0		10.0	11.3			11.2			10.5	10.8		12.4					9.8	12.3	15.8	12.2	14.0			11.6	11.786
203	7/17/04	11.6	13.0	12.8	12.3			13.0			10.0	10.0	13.0	12.8	9.8				10.0	18.5	18.8	9.4	14.4			12.8	12.483
204	7/18/04	14.4	12.0		9.6			13.2		15.0	15.2	9.8	13.0	13.8	12.4				9.0	15.3	20.6	12.8	10.8			12.4	13.088
205	7/19/04	13.5	11.0		11.8			11.2			15.6			12.8			15.6		13.3	17.0	14.8	14.0	14.0			15.6	13.797
206	7/20/04	12.5	13.0		10.8			14.8			11.2		11.0	14.0			15.2		13.0	11.0	19.0	9.4	11.8			14.6	12.930
207	7/21/04	15.4			9.3			11.8			14.8	9.0	14.3	12.2					14.0	13.7	17.0	12.0	12.6			12.0	12.821
208	7/22/04	14.2			10.3		17.0	14.4			12.5	10.4	14.8	15.4	11.0				13.5	13.5	21.8	15.0	11.8			14.2	14.032
209	7/23/04	10.6	12.0		12.0		17.6	14.4			18.2	12.2	14.6	19.2						17.0	19.2	10.8	12.4			16.0	14.569
210	7/24/04	13.3	12.0		10.2		17.6	12.0			10.6	12.4		14.8						13.3	18.6	10.0	13.0			14.0	13.208
211	7/25/04	14.2	12.0		9.7		18.0	14.8			13.3			13.0	11.2					18.0	18.8	8.5	11.6			15.6	13.758
212	7/26/04		12.0	10.6	13.3		16.6	13.0			14.2			13.6					14.5	9.5	19.2	12.8	15.2			12.8	13.690
213	7/27/04		12.0	12.8	15.3		18.2	11.6			15.2		15.0	12.8					16.0	15.0	16.8	11.3	14.0			16.4	14.414
214	7/28/04		12.0	15.2	8.7		16.4	13.6			11.8			12.2					7.0	15.7	21.4	12.0	10.2			12.8	13.393
215	7/29/04		12.0	14.8	7.3		22.6	14.4			13.6	14.5		14.2						16.0	15.6	12.0	10.4			12.8	14.000
216	7/30/04		12.0	14.4	8.0		17.2	9.8				12.6		15.0						16.5		13.5	14.8			13.2	13.271
217	7/31/04		12.0	12.8	9.0		18.8	10.6				12.6		11.6						12.0		9.3	9.6			13.0	11.900
218	8/1/04		12.0	12.6	9.0		15.2		11.4	12.0				13.4	14.2					13.7		13.0	9.6		18.0	13.6	12.843
219	8/2/04		12.0	14.4	11.3		17.0	15.2	11.6	18.0			15.5	13.0			14.6		13.0	15.3		10.5	10.2		13.0	14.0	13.916
220	8/3/04	12.2	12.0	17.2	10.7		23.0	12.4	11.6				14.0	15.0			19.0		11.3	13.5		13.8	16.6		9.0	14.0	14.597
221	8/4/04		12.0		13.3		16.2	9.6	10.4	21.0			14.0	11.6	14.8				16.0	13.3	18.8	12.7	12.6		7.0	13.2	13.293
222	8/5/04	13.4	12.0		11.4		19.2	12.8	9.4	10.0	13.6			12.8					12.8	17.0	17.2	12.8	12.8		12.0	12.4	13.357
223	8/6/04	14.6	12.0	12.8	12.0		18.4	13.0	9.2		9.8		14.5	16.8					10.5	12.0	17.6	10.3	13.0		16.0	13.4	13.113
224	8/7/04	12.5	12.0	10.6	13.0		17.0	14.2	14.0		11.0		10.8	12.4			16.2		7.0	18.0	16.4	8.6	8.8		17.0	15.6	12.960
225	8/8/04	10.4	12.0	15.2			17.0	12.4	10.8	10.0			15.7	13.4			14.6		9.5	13.0	18.6	12.8	16.0		9.0	12.2	13.457
226	8/9/04	12.5	13.0	14.6	9.3		17.6	14.2		15.0		10.6		12.4					7.0	14.5	18.0	14.7	12.6		16.0	12.2	13.419
227	8/10/04	12.2	12.0	11.8	9.0		16.4	14.4				12.2		16.8					12.8	12.3	16.8	9.2	13.2		13.0	13.2	13.149
228	8/11/04	12.4	12.0	15.0	12.5		15.8	12.2				10.6		13.8	13.4				14.7	11.7	15.8	13.0	13.0		12.0	15.8	13.443
229	8/12/04	11.8	13.0	16.0	14.3		15.4	13.6		12.7		12.8	9.5	16.0					15.8	15.0	17.8	12.0	12.2		19.0	11.2	13.928
230	8/13/04	10.4	13.0	14.4	12.3			10.6				13.2		11.6					11.0	13.8	17.0		12.4		13.0	15.6	12.982
231	8/14/04		12.0	15.2	11.0			12.0	12.2		13.0	11.8		17.2	13.0				13.3	14.0	17.8	9.0	11.2		11.0	15.2	13.348
232	8/15/04		12.0	12.2				13.4	13.2	18.0	14.2	12.0		13.0					13.0	12.7	15.6	9.8	13.2			14.2	13.000
233	8/16/04			13.8			19.4	13.2	11.0	14.0	18.2	13.0	18.0	12.8					11.5	9.0	18.8	13.5	14.4			14.0	14.197
234	8/17/04			11.6			20.0	14.4	11.6	12.0	15.6		13.0	16.2					13.5	12.8	15.8	13.4	10.2			14.4	14.087
235	8/18/04			14.0			17.6	13.0	13.8	15.0	12.0		12.6	15.2					12.4	15.3	18.8	12.0	10.8			14.6	13.887
236	8/19/04	14.7		12.6			17.8	11.2	10.2		13.2			15.8	13.4				11.8	11.5	17.6	11.8	14.4			14.6	13.838
237	8/20/04	14.5		15.2			16.8	13.2	13.4		14.8			13.0	13.0				13.0	16.3	18.6	11.7	13.8			16.2	14.508
238	8/21/04		12.0	12.4			18.8	10.6	14.2		15.2			13.6	11.0		15.8		10.5	12.0	19.2	12.0	13.8			16.2	14.029
239	8/22/04	14.0	12.0	15.2			22.2	13.6	10.8		8.3			14.2	13.6				10.0	15.7	19.4	9.4	15.0			11.4	13.846
240	8/23/04	13.4	12.0	14.6			20.0	9.8	12.0	13.0	12.4			13.6	13.2				7.0	13.7	19.8	14.0	12.2		10.0	12.8	13.556
241	8/24/04	12.3	12.0	12.4			18.8	12.8	11.6		11.5		15.0	13.8	9.8					15.3	18.4	13.4	12.6		12.0	12.0	13.015
242	8/25/04	9.3	12.0	12.2			18.4	15.6	11.6	13.0	11.5	10.6		15.2					10.6	12.0	15.8	11.2	12.0		20.0	13.4	12.661
243	8/26/04	18.0	12.0	14.4			18.8	10.6	10.8	12.0	12.2	15.0	13.7	15.0					13.6	18.5	18.6	11.8	13.4		7.0	13.0	13.900
244	8/27/04	11.5	10.0	11.2			16.4	11.2	10.0	12.0	12.0		13.3	15.4	11.2				20.0	15.7	13.0	12.3	11.4			13.0	12.838
245	8/28/04	14.0	13.0	11.8			18.2	11.3	9.8	12.0	12.8	15.0	5.5	14.0					19.0	14.5	18.0	8.5	10.0		18.0	13.2	12.828
246	8/29/04	13.0	12.0	12.2			19.8	10.2	11.4		13.0			12.8			17.0		13.3	13.0	18.8	12.4	15.4		11.0	17.8	14.028
247	8/30/04	13.0	12.0	11.8	10.5		21.6	11.0	12.2	12.8	14.2			10.2	12.2				12.8	10.0	14.0	13.3	11.2		13.0	13.0	12.831
248	8/31/04	10.6	12.0	10.2	12.7		19.4	11.8	10.0	14.5	12.8		11.8	12.8	8.6				13.0	12.7	21.0	7.4	14.2		13.0	15.2	12.758
249	9/1/04	13.2	13.0	11.6	11.4		17.4	12.6	11.6	10.0	16.3			16.3	16.8	13.6			9.3		14.6	11.8	9.0			11.8	13.036
250	9/2/04	12.6		12.3	12.3		19.4	10.8	10.0	9.0	12.5		10.0	15.0	11.8	11.2			10.6		20.6	10.3	12.5			13.6	12.936
251	9/3/04	12.0	13.0	11.0	12.3		19.4	12.8	10.8	13.0	11.0	10.5		14.0	11.0		17.6		10.0		17.6	11.8	13.8			15.4	13.493
252	9/4/04	12.4	12.0		10.8		20.6	13.2	13.2	9.7	13.2	11.0	14.2	14.4	14.2		17.4		13.5		17.8	13.0	13.6			13.0	13.835
253	9/5/04	13.3	12.0		15.2		15.8	10.0	18.6	9.0	11.8	11.4		14.0	12.4				14.3		15.8	13.0	11.6			17.4	13.577
254	9/6/04	15.2	12.0		9.8		19.8	13.2	13.0	11.3	13.4			14.0	12.4				12.3		17.2	9.8	16.0			11.6	13.543
255	9/7/04	13.0	12.0		11.3		19.8	12.6	13.6	14.0	11.4			13.6	11.4	13.2			7.0		18.0	10.0	11.3			10.6	12.836
256	9/8/04	10.8	12.0		11.3		13.8	10.6	11.4	16.0	12.6			15.0	9.8	15.6			14.5		15.8	10.8	12.0			13.4	12.694

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
4	Date	AIR	CHS	DAU	DBG	DIL	DMR	ETN2	ETT	HBG8	LAN1	LAN2	LPT2	LPT3	LWN	MDT8	MDT7	MDT8	MHS	MVL2	NOT	PBT	PHL	SAHS	WIN	YPK	Grand Total
251	9/9/04	10.3	12.0		12.7		15.6	11.8	15.2		12.4			14.2	10.0	11.4			12.0		19.6	13.6	9.6			14.0	13.071
254	9/10/04	12.3	12.0		11.0		16.0	14.8	10.2	12.0	12.2			15.6	11.8	13.8					20.4	12.0	15.2			13.6	13.672
259	9/11/04		12.0				22.2	13.8	12.2	13.3	14.8			12.4	11.2				12.7		13.0	12.6	10.2			12.0	13.279
260	9/12/04	13.0	12.0				17.0	15.2	10.2	9.0	13.0			12.6	14.4				12.3		16.8	11.3	13.0			11.6	13.197
261	9/13/04	16.2	12.0				18.6	12.2	12.0	8.0	11.6	13.4		12.2	9.2				9.0		21.8	12.4	15.0			11.6	13.471
262	9/14/04	12.0	12.0				18.4	15.5	11.0	15.0	11.8	13.4		13.4	15.0				9.0		19.4	13.0	12.8			13.4	13.882
263	9/15/04	12.4	12.0				19.6	11.2	12.0	13.0	14.6			13.6	13.4	14.8			6.5		17.6	10.8	13.6			13.6	13.582
264	9/16/04	19.0	12.0				18.8	12.6	12.6	13.7	13.6			13.4	11.8	15.4			9.0		17.6	8.3	16.0			17.4	14.045
265	9/17/04	12.5	12.0		13.5		15.8	11.6	11.2	17.0	14.8	11.8		15.6	11.2	14.4	17.6		12.3		18.6	9.5	16.2			12.2	13.987
266	9/18/04	10.8					21.2	11.6	15.4	13.0	14.0	12.6		13.0	9.8				12.5		20.2	14.3	11.4			12.4	13.820
267	9/19/04	14.2	12.0				18.0	13.4	14.2		11.8			14.6	9.2				8.0		17.6	9.8	11.4			12.4	13.148
268	9/20/04	17.6	14.0				17.8	11.6	14.2		14.8	13.2		10.4	9.2	14.2			19.0		18.0	13.2	9.6			14.2	13.748
269	9/21/04	16.5	12.0				20.2	9.0	14.6	14.0	15.4			15.0	13.0	13.6					18.8	11.0	10.6			10.2	13.808
270	9/22/04	14.8	12.0	14.6			17.7	11.0	12.8	11.0	10.2			17.0	12.6	15.6	15.8		13.0		18.0	12.2	9.8			14.8	13.584
271	9/23/04	13.0	12.0	12.6			17.2	13.4	11.4	8.0	12.3	12.2		14.8	15.4	12.6			13.5		20.2	7.8	14.2			14.8	13.462
272	9/24/04	13.0	12.0	12.6			18.0	14.8	14.8	18.0	11.0	12.2		14.6	8.8	14.8			7.5		15.6	13.8	12.2			13.4	13.338
273	9/25/04	11.8	12.0	13.6			15.4	11.4	9.4		15.2			13.4					4.5		16.4	10.4	11.6			16.8	12.535
274	9/26/04	15.6	12.0	14.5	13.5		15.8	12.6	13.4	13.0	12.6			11.0					9.5		18.4	12.0	15.6			11.4	13.593
275	9/27/04	13.2	12.0	14.0	14.0		18.2	8.4	12.0	19.0	15.0			13.4	11.8	17.6			8.5		17.0	12.8	10.4			14.4	13.500
276	9/28/04	14.2	12.0		11.3		18.0	14.8	14.2		13.0	12.6		15.0	13.0	13.2			10.3		18.4	11.4	11.8			16.2	13.987
277	9/29/04	13.6	12.0	11.9	13.7		17.2	12.8	14.2		17.0	8.0		12.6	10.2				8.0		22.0	10.2	11.2			13.2	13.364
278	9/30/04	13.4	12.0	13.8	11.0		19.2	12.0	10.6		11.4	15.2		13.6	14.4	15.6			12.2		19.4	11.2	18.0			16.2	14.073
279	10/1/04	24.0	12.0	11.6	11.5		16.6	14.2	11.8		15.4	13.3		13.8	15.8	11.2			10.0	13.7	21.2	16.5	15.8			12.6	14.481
280	10/2/04	15.3	13.0	13.0	10.3		14.8	11.0	13.4	18.0	16.0			14.0						13.8	16.4	10.6	13.2			14.0	13.651
281	10/3/04	12.4	12.0	10.2	9.6		15.6	10.4	13.6		12.0	12.2		14.0						14.0	19.4		14.2			18.8	13.294
282	10/4/04	13.8	12.0	13.8	8.5		17.0	14.2	11.4	11.0	13.0	13.8		14.8	11.2	18.2				14.3	18.6	8.5	11.4			13.8	13.295
283	10/5/04	11.3	12.0	10.8	8.6		18.0	12.6	9.2	14.5	10.4	10.2		16.2	10.2	13.8			8.0	12.0	18.0	10.8	13.0			13.2	12.308
284	10/6/04	13.0	12.0	11.6	10.5		13.4	14.5	12.6	14.0	14.4			11.8	10.0	16.2			8.0	11.8	18.6		10.6			12.4	12.855
285	10/7/04	12.8	12.0	18.6	10.0		19.6	14.2	13.2	18.0	14.2	13.0		14.0	9.6	14.8			11.3	13.5	17.6		10.6			13.2	13.667
286	10/8/04	12.0	13.0	18.8			18.2	14.0	10.8		18.0	14.0		15.2	12.4				13.0	12.5	15.8		15.8			20.2	14.985
287	10/9/04	14.2	13.0	14.8	11.0		19.2	16.4	11.6		12.4				7.8				9.0	14.0	14.4		12.4			13.2	13.353
288	10/10/04	11.6	12.0	11.8			16.6	11.6	12.4	10.0	15.3			15.2						11.5	15.6		11.6			15.4	13.283
289	10/11/04	13.8	12.0	12.6	13.5		17.6	15.2	11.8	10.0	15.5		12.6	12.2					8.0	12.0	15.0		11.2			15.0	13.368
290	10/12/04	13.0	12.0	15.2	10.7		18.6	10.2	11.6	12.8	14.2	13.2		13.4		14.4			11.0	13.7	15.2	11.4	12.0			13.6	13.286
291	10/13/04	11.2		12.8	11.3		22.6	11.4	15.6	10.5	15.8			14.6	11.4				14.7	14.0	18.2	10.3	15.6			15.8	14.324
292	10/14/04	15.6	12.0	14.2	12.0			11.8	11.4	18.2	12.4	15.2		10.2	10.0	16.2				14.5	18.6	12.0	9.6			13.4	13.253
293	10/15/04	16.2	12.0	13.0	3.5			14.2	11.0	14.3	13.5	12.0		14.4	13.8	13.6			15.5	12.0	16.0	12.6	12.5			13.6	13.438
294	10/16/04	13.0	13.0	11.0	15.8		24.0	13.8	11.8	12.5	17.4			15.4	11.4	10.8				12.7	19.6	13.2	10.6			14.2	14.373
295	10/17/04	15.0	12.0	14.6	12.0		14.2	17.6	13.6	15.7	11.0		14.0	13.8	18.0				10.0	11.0	18.0	13.5	14.0			15.0	14.293
296	10/18/04	15.2	12.0	12.4	14.2		19.2	12.6	12.2	10.0	10.3			15.2	9.0	13.4				17.5	19.0	13.0	13.2			14.4	13.800
297	10/19/04	12.8	12.0	16.4	14.0		19.8	12.0	12.6		19.8		14.0	13.0	12.2	14.0				14.0	18.8	13.0	14.2			16.6	14.622
298	10/20/04	12.6		15.8	11.0			10.8	10.0		10.2			19.8	13.2	14.2				11.3	17.8	13.5	14.8			14.2	13.187
299	10/21/04	14.2	12.0	13.6	14.0		18.4	12.4	13.6		12.2			12.8					17.5	11.5	18.8	13.4	18.2			10.6	14.116
300	10/22/04	12.8		14.0	11.2		20.6	13.6	11.2	11.0	13.8	12.6		13.6						15.0	18.6	12.0	17.6			15.6	14.455
301	10/23/04	10.3	12.0	12.8	9.0			13.2	10.4	11.3	14.2	13.6	14.0	17.2	12.4					14.7	17.6	13.0	10.0			13.2	13.088
302	10/24/04	12.8	12.0	14.8	10.8		18.8	14.4	12.4	15.0	15.2	15.4		14.6	10.0	13.8				11.8	19.2	12.8	11.8			14.0	13.851
303	10/25/04	13.4	12.0	13.2	11.7		18.8	14.0	12.2	18.4	13.0	9.0		14.4	15.4	14.2				13.5	20.4	11.8	14.0			15.6	14.118
304	10/26/04	13.8	12.0	12.8	11.3		17.4	13.0	12.4	13.5	15.8			14.2	11.2	16.8				12.0	18.4	11.6	12.0			13.2	13.654
305	10/27/04	11.2	13.0	14.4	11.5		17.0	12.8	12.4	12.5	12.3			13.0	11.0	13.6			15.0	12.0	21.4	11.4	14.8			15.6	13.747
306	10/28/04	13.0	12.0	11.8			19.2	13.0	12.4	13.8	12.4		12.7	14.4	15.0	12.8			12.0	14.0	20.6	13.6	13.0			12.6	13.860
307	10/29/04	13.4	12.0	14.0			20.8	13.3	13.0	12.5	16.0			12.8		13.0				14.0	17.0	11.2	14.2			12.8	13.985
308	10/30/04	12.8	12.0	15.8	16.0		15.4	13.0	13.6	13.5				17.4						10.0	18.4	11.4	10.0			13.8	13.776
309	10/31/04	12.6	11.0	12.8	12.0		19.4	12.4	12.0	13.8				12.8						13.0	20.0	11.6	12.6			17.8	13.879
310	11/1/04	14.2		14.2	9.5		20.0	13.4	13.6	11.5		15.0		15.2	14.4	15.0				13.3	13.6	15.5	12.0			13.2	14.130
311	11/2/04	11.8		15.8	14.0		19.4	13.0	13.6	13.0	12.0	10.8		16.0	12.8	12.0				15.0		12.6	13.0			12.2	13.556
312	11/3/04	13.8		13.8	11.0		18.2	13.8	10.8		15.6	10.2	8.0	13.8	10.4	18.6				13.8	17.2	11.2	14.0			12.0	13.538
313	11/4/04	14.0		14.0	9.8		14.8	13.8	14.4		13.4	13.8	13.3	13.0	9.8	14.0				11.5	19.8	11.6	11.6			12.8	13.312
314	11/5/04	11.8		13.6	17.0		16.0	11.0	13.2		10.8	13.4		10.0	10.8					18.3	17.0	13.0	13.4			14.0	13.913
315	11/6/04	10.4			11.4		15.0	10.8	12.6		13.2	12.4		13.8	12.2					13.0	18.4	12.7	13.6			14.0	12.985
316	11/7/04	14.6		13.2	13.0		20.4	12.2	12.0		9.8	12.2		15.8	9.2					14.5	19.4	13.7	11.8			15.6	13.812
317	11/8/04	14.2		11.4	9.8		17.6	13.0	14.8		12.3	12.6	16.5	13.6	13.6					14.0	18.0	10.6	13.6			12.6	13.541
318	11/9/04	14.2		14.2	10.7		17.6	11.8	13.8		14.8	12.0	16.5	15.8	13.6	15.0				18.3	18.2	13.8	16.4			15.8	14.679
319	11/10/04	13.8		11.4	8.3		19.6	10.6	12.4		12.2	11.2		12.6	10.0	13.0				17.3	18.6	11.0	12.6			12.0	12.803
320	11/11/04	11.8		15.2	13.0		22.8	15.4	10.8		14.0	11.2		15.0	12.0	14.2				10.0	18.0	14.0	13.6			13.6	14.200

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
4	Date	AIR	CHG	DAU	DBG	DIL	DMR	ETN2	ETT	HBG8	LAN1	LAN2	LPT2	LPT3	LWN	MDT6	MDT7	MDT8	MHS	MVL2	NOT	PBT	PHL	SAHS	WIN	YRK	Grand Total
321	11/12/04	14.4		11.6	12.3		17.4	14.8	11.2	11.7	14.7	14.6		13.6	8.4					10.0	18.6	11.4	13.4			17.0	13.811
322	11/13/04	12.0		11.6	9.7		18.8	13.4	11.2	13.5	16.4	10.6		14.6	11.2					12.3	18.4	12.0	13.2			11.4	13.251
323	11/14/04	11.4		10.4	9.4		20.0	12.6	11.8	11.7	13.6	11.4		10.4	12.0					12.0	19.0	11.6	14.6			12.0	12.508
324	11/15/04	12.4		12.4	9.8		18.0	14.4	9.8	14.0	12.4	12.0	17.0	13.2	11.6	16.0				14.0	19.0	11.8	12.2			13.0	13.451
325	11/16/04	13.2		16.8	14.0		16.4	14.4	12.6	13.7	13.0	13.0	13.5	18.2	11.0	14.8				13.0	18.2	9.8	15.4			11.4	13.819
326	11/17/04	11.8			14.3		18.2	13.6	13.2	12.0	12.0	10.4		15.8	10.2	14.0				11.5	18.8	11.3	14.2			14.6	13.514
327	11/18/04	14.2		16.2	12.6		18.2	13.2	11.8	17.0	14.0	13.0		16.8	11.4	15.4		12.8		16.3	19.4	10.6	11.0			16.2	14.185
328	11/19/04	12.0		14.4	7.0		20.6	13.6	11.6	10.5	16.6	13.2		16.0	12.8					12.3	18.2	9.8	13.4			16.8	14.143
329	11/20/04	12.0		10.4	15.0			12.6	14.8	13.7	12.4	13.6	13.7	15.2	10.0					13.0	17.4	11.6	16.0			15.0	13.451
330	11/21/04	14.8		14.8	9.6		19.6	13.0	9.2	7.0	14.5	13.6		15.4	12.4					12.3	19.4	11.3	13.6			14.2	13.833
331	11/22/04	11.8		15.0	11.5		15.0	12.2	13.6	16.0	16.6	12.4	13.3	12.6	8.6	14.2				12.7	20.2	11.5	14.0			13.2	13.817
332	11/23/04	9.6			10.7		14.6	12.0	13.0	13.0	11.6	11.6		16.6	14.0	14.4				25.3	15.6	10.8	15.6			14.2	13.522
333	11/24/04	13.8		11.6	11.0		17.2	11.2	15.0	12.3	12.5	14.0	15.0	14.6	13.6			19.0		15.0	21.0	12.0	13.2			12.2	14.205
334	11/25/04	14.4		13.0	12.0			10.6	13.6	18.7	17.7	10.0		14.0						17.0	18.6	12.0	11.0			14.0	13.754
335	11/26/04	11.8		16.0	9.0		19.2	12.4	10.6	16.0	13.8	12.6	7.0	11.4						15.0	21.2	14.0	13.6			17.8	14.246
336	11/27/04	13.2		13.6	9.3		18.6	13.0	10.4	12.5	18.0	12.0		14.6						19.0	15.8	9.6	13.6			16.0	13.000
337	11/28/04	14.8		19.4	11.0		15.8	12.8	13.6	16.8	14.6	10.8		14.6							22.0	12.0	13.8			15.0	14.647
338	11/29/04	8.8		13.2	11.4		17.0	15.0	12.8	12.3		11.8		11.4							19.2	10.5	11.0			14.8	13.081
339	11/30/04	15.0		13.6	12.6		15.8	13.6	12.0	13.5	15.0	14.2		16.8						17.0	19.0	12.2	11.8			15.6	14.465
340	12/1/04	11.6		11.4	10.0		18.0	9.4	13.2	14.3	14.6			13.6	10.0	17.0				12.5	20.0	8.8	15.2			12.6	13.400
341	12/2/04	14.4		14.6	12.6		17.8	14.4	12.6	14.7	17.2		19.6	13.4	17.2	15.2				16.5	17.2	12.2	15.2			17.0	15.221
342	12/3/04	13.8		17.6	13.7		20.6	11.2	9.6	15.3	14.2									18.3	19.8	9.3	10.2			16.8	14.535
343	12/4/04	13.0		14.0	14.7		19.8	13.4	13.8	8.0	12.6			13.4						18.4	21.0	13.0	15.6			13.0	14.852
344	12/5/04	11.4		15.2	9.8		18.6	13.4	14.8		16.8			15.2						13.8	18.2		14.0			12.0	14.500
345	12/6/04	14.0		14.4	13.6		17.0	14.4	13.0	13.3	16.0		6.0	15.2	11.6	11.8				14.0	18.4	10.6	10.8			15.4	13.895
346	12/7/04	13.6		18.4	14.0		19.6	17.6	12.0	12.5	11.8		11.3	13.6	10.6	14.6				20.0	19.8	15.6	14.6			13.6	15.853
347	12/8/04	12.2		16.8	9.4		19.2	12.0	10.8	15.0	14.2		17.6	14.2	9.8	16.8				16.0	18.6	13.3	11.0			14.0	14.090
348	12/9/04	11.2		13.6	11.6		17.8	12.6	12.8		13.8	12.6	14.8		12.4	14.0				15.3	17.6	12.4	15.6			14.0	13.896
349	12/10/04	14.0		11.4	16.3		18.6	10.6	11.4		14.2	12.6	17.5	17.4	17.6	15.8				12.5	20.2	12.8	17.6			15.2	14.908
350	12/11/04	13.5		13.0	11.8		19.0	11.4	11.8		14.0	13.0	14.0	15.2	12.4			20.4		11.8	18.4	12.5	12.0			13.0	13.911
351	12/12/04	12.0		13.4	11.4		18.6	14.6	13.6	11.0	13.0	12.0		13.6	12.8					14.0	14.8	14.8	13.0			14.4	13.976
352	12/13/04	15.8		15.8	12.5		17.8	15.0	11.4	13.5	15.5	12.8		13.2	10.6	15.6				13.8	21.0	11.6	14.8			14.0	14.493
353	12/14/04	14.0		13.6	8.0		15.6	12.6	11.2	16.5		12.6		13.0	14.0	12.0				14.5	13.8	13.6	10.8			13.2	13.041
354	12/15/04	10.0		13.4	12.3		18.8	11.6	11.0			11.0		12.4	13.2	12.0			12.0	13.5	18.0	12.0	11.0			15.4	13.132
355	12/16/04	10.6		14.8	11.8		16.0	11.0	12.0			12.8		14.0	13.6				18.0	11.3	22.4	13.0	13.4			12.8	13.682
356	12/17/04	14.8		13.4	10.4		18.2	14.6	10.4	18.5	15.0	12.5		12.4	10.0	18.2				13.7	20.4	10.4	11.6			13.4	13.805
357	12/18/04	13.6		11.8			16.0	13.4	10.8	13.0	14.4	13.6		14.2						17.3	21.3	10.2	13.6			13.6	14.206
358	12/19/04	17.0		15.8	14.5		18.8	12.8	10.8	13.9	18.4	16.6		14.4						14.0	17.0	11.3	15.6			14.6	15.288
359	12/20/04	13.0		12.2	9.5		18.0	13.8	12.8		14.4	12.2	12.2	14.6	8.0	18.6			10.6	21.0	21.8	11.3	14.4			16.0	14.208
360	12/21/04	12.2		14.0	10.7		17.6	11.8	12.0	12.5	14.2	14.6		12.8	12.4	13.3				12.0	18.6	10.3	18.0			13.6	13.824
361	12/22/04	17.3		12.8	11.0		18.4	13.8	12.2	25.0	12.4	12.3		11.8	9.4	13.6			12.7	12.5	23.8	9.4	13.0			13.2	13.701
362	12/23/04	11.5		14.0	10.3		19.8	14.2	11.4	15.0	11.8	10.4		12.8	12.4	18.2				15.7	15.8	14.2	15.6			15.0	14.028
363	12/24/04	8.0		15.8	12.0			13.8	12.8	11.5	12.3			14.0						15.5	21.6	12.0	13.8			12.8	14.210
364	12/25/04	10.3		13.2				10.0	10.8	15.5	10.8			9.2						13.5	20.3	12.0	12.8			12.6	12.290
365	12/26/04	10.6		19.6				14.2	11.8	12.0	15.4			13.2	9.0					14.8	20.0	12.0	14.8			15.6	14.129
366	12/27/04	15.8		12.4				14.0	10.8	10.3	10.8	13.3		12.8						12.3	17.2	11.0	11.8			12.4	12.665
367	12/28/04	11.2		12.6				11.4	9.4		15.0	11.6		14.0	9.8					17.3	22.0	11.3	14.2			14.0	13.258
368	12/29/04	13.0		12.4					10.6		13.4		11.3	13.6	12.2				13.0	18.8	21.6	11.0	11.4			14.6	13.516
369	12/30/04	12.4		14.4			17.8		15.0		12.0	15.0	14.5	13.6	18.8					12.8	18.8	11.3	13.2			13.4	14.333
370	12/31/04	13.4					19.2		12.0		13.2	10.2	18.0	12.6	12.8					14.0	15.2	13.7	11.2			12.7	13.358
371	Grand Total	13.001	12.074	13.682	11.274	10.901	18.036	12.599	12.187	13.328	13.825	12.390	13.343	14.017	11.685	14.286	18.346	17.400	12.337	13.868	18.001	11.813	12.925	17.609	12.765	13.776	13.543

2005 Biennial Report
The EFMR Monitoring Group