## 2005 Biennial Report The EFMR Monitoring Group



EFMR Accomplishments - 2
EFMR Going Forward - 4
Education Efforts - 5
Emergency Preparedness - 6
Radiation Monitoring-8
Worker Safety - 9
Economic Development - 10
About EFMR - 12
Statistical Reports - Appendix
Appendix 1 - Summary
Appendix 2 - Graphics
Appendix 3 - Annual Readings by Location
Appendix 4 - Readings by Counts per Minute (CPM)
Appendix 5 - Average Readings by Location
Appendix 6 - Actual Readings for 2004


# 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 com-munity-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. $\rightarrow$


# 2005 Biennial Report The EFMR Monitoring Group 

## EFMR Accomplishments


#### Abstract

- 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-proliferation 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 $15^{\text {th }}$ Annual Regulatory Information Conference in 2003. Epstein participated as a panelist in a breakout session regarding the Reactor Oversight Process.
- EFMR developed three energyrelated 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 WaidnerSpahr 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

## 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
the annual cost of individual monitors. Those interested should contact EFMR at 717-541-1101.
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 $25^{\text {th }}$ 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. ThreeMilelsland.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-recently 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 $25^{\text {th }}$ anniversary of the accident also saw Dickinson's campus library, the Waidner-Spahr Library, get 55 boxes of files from Three Mile 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 fea-
tured 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-related 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 providif state or local agencies provid-
ed 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. $\rightarrow$

## The energy education connections:

## www.EFMR.org

www.ThreeMilelsland.org

# 2005 Biennial Report The EFMR Monitoring Group 

Emergency Preparedness

## EFMR Puts the KI in 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 exas-
peration 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.


An EFMR volunteer distributes potassium iodide at the 2004 Kipona.

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.


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 PersonRem savings for MAROG was 108, as opposed to a 40 PersonRem 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 1 R09 Outage <br> GERIS - automated ultrasonic system (UT) for RPV nozzes and shell welds. <br> SMART - automated ultrasonic system (UT) for piping welds. CSI-2000 - automated ultrasonic system (UT) for core spray piping welds internal to the RPV. |  |  | $\$ 620 \mathrm{~K}$ <br> $\$ 215 \mathrm{~K}$ <br> \$385K |
| PBAPS | Outer weld inspections (GERIS) and vessel underwater welding robotics. |  |  | \$766K |
| TMI | Robotics UT and visual exam of Rx vessel course and nozzle welds and visual exam to $R x$ vessel internals. |  |  | \$570K |
| LaSalle | Outer weld inspections (GERIS) and vessel underwater robotics. |  |  | \$707K |
| Exelon Total (Services) |  |  |  | \$3,263,000 |
| $\mathrm{E}=$ Equipment/Parts/Materials $S=$ Services $\quad \mathrm{R}=$ Research \& Development |  |  |  |  |
| Exelon Historical Data |  | 2001 | 2002 |  |
| Equipment/Parts/Materials |  | \$178,000 |  | \$0 |
| Services |  | \$1,831,600 |  | 3,000 |
| Research \& Development |  | \$350,000 |  | \$0 |
| Exelon Total |  | \$2,359,600 |  | 3,000 |

# 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


Page 10
to a 5 percent cost sharing formula approved by the PUC.

Under state law, consumers pay all the costs of decommissioning 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. $\rightarrow$

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

Coal \& Nuclear Education Projects<br>Coordinator: Eric Epstein<br>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<br>January 1993 - December 2004

Total Readings: 383,327*<br>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.
[^0]
## 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

|  |  | Number of Readings | Number of Readings | Number of Readings | Number of Readings | Number of Readings |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Location Code | Location Name | 1993-2002 | $\underline{2003}$ | 1993-2003 | $\underline{2004}$ | 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 |
|  | 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 | 1 | J | K | L | M | N | 0 | P | Q | R | S | T | U | V | W | X | Y | Z | AA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | Average of Reading | Location Co |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | Date | AIR | CH3 | 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 |
| 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 |  |  | 12.4 | 8.0 |  | 15.4 |  | 12.5 | 14.8 |  |  |  |  |  | 16.0 | 17.8 | 12.2 | 10.8 |  | 7.0 | 13.2 | 12.797 |
| 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 | 14.8 | 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 | 12.866 |
| 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 |  |  |  | 16.5 | 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 | 12.963 |
| 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 | 6.0 | 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 | 19.0 | 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 | 10.8 | 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 | 16.0 | 13.4 | 13.6 | 15.4 | 11.0 | 14.4 |  |  |  | 13.3 | 23.0 | 9.4 | 12.4 |  | 11.0 | 14.0 | 13.655 |
| 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 | 11.8 | 13.728 |
| 19 | 1/15/04 | 11.8 | 12.0 | 11.8 | 12.0 | 12.0 |  | 11.2 | 12.4 | 12.0 | 16.0 | 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 | 13.6 |  | 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 | 19.4 | 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 | 12.3 | 16.0 |  |  |  |  |  | 11.3 | 20.4 | 13.5 | 12.0 | 20.0 | 13.0 | 16.0 | 14.284 |
| 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 | 12.6 | 17.0 | 12.0 | 13.0 | 12.563 |
| 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 | 12.726 |
| 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 |  |  |  | 14.5 | 18.0 | 12.0 | 12.6 | 17.0 | 6.0 | 11.0 | 12.803 |
| 28 | 1/24/04 | 15.8 |  | 15.4 | 11.8 |  |  | 12.0 | 12.0 |  | 14.4 | 10.6 |  |  | 12.3 |  |  |  |  | 15.7 | 16.2 | 13.0 | 12.2 |  | 15.0 | 11.8 | 13.286 |
| 29 | 1/25/04 | 11.2 | 11.0 | 12.6 | 13.8 |  |  | 11.0 | 12.2 |  | 18.0 | 13.8 |  |  | 10.6 |  |  |  |  | 11.0 | 16.8 | 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 | 13.2 | 11.0 |  |  | 13.6 | 13.8 |  |  |  |  | 11.4 | 14.8 |  |  |  |  | 11.7 | 19.2 | 11.6 | 14.2 |  | 9.0 | 13.8 | 13.328 |
| 32 | 1/28/04 | 10.3 | 13.0 | 16.4 | 8.5 |  |  | 11.0 | 12.8 |  |  | 10.8 |  | 11.2 | 11.8 | 12.0 |  |  |  | 14.8 | 17.2 | 12.0 | 12.0 |  | 10.0 | 10.6 | 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 | 12.8 | 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 | 11.6 |  |  |  |  | 13.8 | 19.4 | 14.0 | 13.6 |  | 12.0 | 14.8 | 13.700 |
| 36 | 2/1/04 |  | 12.0 |  | 11.5 |  | 17.2 | 11.0 | 10.6 |  | 16.2 |  |  | 11.2 | 7.8 |  |  |  |  | 16.0 |  | 11.8 | 12.4 |  | 11.0 | 13.4 | 12.436 |
| 37 | 2/2/04 |  | 12.0 |  | 10.0 | 10.6 | 14.6 | 9.4 | 11.2 |  | 15.6 |  |  | 13.4 | 6.8 | 11.4 |  |  |  | 13.5 |  | 12.6 | 11.8 |  | 12.0 | 12.2 | 11.746 |
| 38 | 2/3/04 |  | 12.0 |  | 12.3 |  | 19.2 | 10.8 | 10.2 |  |  |  | 13.5 | 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 |  | 12.6 | 10.2 |  |  |  |  | 11.0 |  | 10.6 | 13.2 |  | 9.0 | 14.6 | 12.476 |
| 41 | 2/6/04 | 10.6 | 12.0 |  | 10.6 | 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 | 14.0 | 12.0 |  | 9.7 | 9.0 | 20.2 | 13.0 | 13.0 | 16.0 |  | 11.4 | 12.0 | 13.2 | 11.0 |  | 16.6 |  |  | 12.0 |  | 13.6 | 12.6 |  | 14.0 | 15.4 | 13.514 |
| 43 | 2/8/04 | 12.4 | 12.0 |  | 8.4 |  | 15.0 | 8.8 | 13.0 |  |  | 11.6 |  | 11.8 | 12.2 |  |  |  |  | 10.7 |  | 13.0 | 11.6 |  | 14.0 | 9.6 | 11.609 |
| 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 | 19.6 | 13.0 | 10.0 |  |  | 13.4 | 13.0 | 14.0 | 13.4 | 9.2 |  |  |  | 16.3 |  | 13.8 | 10.8 |  | 12.0 | 15.4 | 12.867 |
| 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 | 12.0 |  | 11.5 | 9.7 | 18.0 | 10.8 | 12.8 | 16.5 |  | 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 | 10.6 |  | 10.0 | 13.8 | 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 |  | 19.8 | 11.2 | 12.8 |  |  | 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 |  |  |  | 16.0 |  | 11.0 | 10.2 |  | 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 |  |  | 14.3 | 9.4 | 15.6 | 12.6 | 12.2 |  | 16.0 |  |  | 15.0 | 10.8 | 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 | 13.066 |
| 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 |  | 16.8 |  | 14.0 | 11.2 |  | 17.2 |  |  | 12.7 |  | 12.8 | 12.4 |  | 11.0 | 10.6 | 13.208 |
| 57 | 2/22/04 | 10.0 | 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 |  |  |  |  |  | 9.4 | 14.0 |  | 14.0 | 13.0 | 12.816 |
| 58 | 2/23/04 | 14.0 | 12.0 |  | 10.0 | 10.0 | 17.4 | 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 | 16.6 |  |  | 17.0 | 13.0 | 12.2 |  |  |  |  |  | 13.4 | 16.4 |  | 11.0 | 11.8 | 13.438 |
| 60 | 2/25/04 | 11.5 |  |  | 12.8 | 12.3 | 16.6 | 15.4 | 10.8 | 15.0 | 14.8 |  |  | 15.0 | 11.4 | 13.4 |  |  |  |  |  | 13.4 | 15.0 |  | 9.0 | 14.8 | 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 | 16.0 |  |  |  |  | 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 |  |  | 13.6 | 12.4 |  |  |  |  | 11.0 |  | 9.6 | 13.8 |  | 16.0 | 13.8 | 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 | 1 | J | K | L | M | N | 0 | P | Q | R | S | T | U | V | W | X | Y | Z | AA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4 | Date | AIR | CH3 | DAU | DBG | DIL | DMR | ETN2 | ETT | HBG8 | LAN1 | LAN2 | LPT2 | LPT3 | LWN | MDT6 | MDT7 | MDT8 | MHS | MVL2 | NOT | PBT | PHL | SAHS | WIN | YRK | $\begin{aligned} & \text { Grand } \\ & \text { Total } \end{aligned}$ |
| 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 | 13.8 | 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 | 13.524 |
| 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 | 9.5 | 12.0 |  | 14.0 | 12.0 | 13.210 |
| 70 | 3/6/04 | 15.2 | 13.0 | 15.6 |  |  | 16.6 | 14.8 | 15.2 | 12.5 | 14.7 | 9.8 | 14.3 | 16.6 | 9.6 |  |  |  |  | 13.3 | 15.6 | 10.5 | 11.6 |  | 12.0 | 15.0 | 13.866 |
| 71 | 3/7/04 | 14.8 | 12.0 |  | 7.7 |  | 18.6 | 11.0 | 14.2 | 12.0 | 13.6 | 12.0 |  | 14.4 | 11.4 |  |  |  |  | 10.0 | 16.0 | 12.0 | 13.6 |  | 12.0 | 12.2 | 13.111 |
| 72 | 3/8/04 | 16.8 | 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 | 16.6 | 11.0 | 16.4 | 10.8 |  | 18.8 | 12.8 | 14.2 | 14.0 | 16.0 | 11.0 |  | 14.2 | 11.6 | 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 | 16.2 | 13.6 |  | 16.4 | 12.0 | 14.6 | 19.0 | 11.5 | 10.6 | 13.0 | 13.4 | 12.6 | 15.4 |  |  |  | 12.3 | 17.0 | 7.8 | 13.8 |  | 12.0 | 11.6 | 13.429 |
| 76 | 3/12/04 | 12.6 | 13.0 | 15.6 | 10.0 |  | 22.0 | 11.0 | 13.0 | 11.0 | 12.6 | 13.8 | 13.5 | 13.2 | 12.4 | 15.4 |  |  |  | 15.5 | 24.4 | 11.0 | 16.2 |  | 13.0 | 12.8 | 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 | 13.149 |
| 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 |  |  |  |  | 17.3 | 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 | 13.8 |  |  |  | 11.3 | 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 | 10.0 |  | 15.6 | 11.2 |  | 12.2 | 11.4 | 13.8 | 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 | 14.8 | 19.8 |  |  | 17.0 | 21.8 | 10.5 | 11.0 |  | 6.0 | 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 |  | 16.0 | 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 | 9.0 | 17.4 | 14.6 |  |  | 15.0 | 16.4 | 10.8 | 14.0 |  | 13.0 | 15.2 | 14.407 |
| 84 | 3/20/04 | 10.0 | 13.0 | 11.4 |  |  | 15.6 | 14.2 | 12.4 | 11.0 | 13.2 | 10.8 | 13.0 | 15.4 | 10.6 |  |  |  |  | 13.7 | 17.8 | 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 |  |  | 14.6 | 11.8 | 11.2 |  | 16.2 | 15.3 |  | 13.2 | 10.6 | 13.8 |  |  |  | 12.0 | 18.2 | 12.5 | 13.2 |  | 13.0 | 15.8 | 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 | 12.0 | 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 | 15.8 |  |  | 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 | 13.544 |
| 91 | 3/27/04 |  | 12.0 | 11.4 | 12.3 |  | 17.9 | 13.6 | 14.6 |  | 12.8 | 17.0 | 11.0 | 16.4 | 7.8 |  | 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 | 13.486 |
| 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 | 12.4 | 13.4 |  | 14.4 | 13.8 | 12.8 | 17.8 | 16.0 | 15.2 |  |  |  | 16.0 | 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 | 18.8 | 12.8 | 14.6 | 13.0 | 15.0 | 15.8 | 14.138 |
| 98 | 4/3/04 | 16.0 |  | 11.4 | 8.5 | 11.0 | 21.2 | 9.4 | 12.8 |  | 15.6 | 10.7 |  | 12.8 | 12.5 |  |  |  |  | 12.5 | 16.2 | 11.7 | 14.6 |  | 15.0 | 16.4 | 13.758 |
| 99 | 4/4/04 | 11.0 | 12.0 | 12.2 | 14.7 | 19.0 | 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 | 12.6 | 14.6 | 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 | 15.0 | 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 | 13.597 |
| 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 | 13.360 |
| 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 | 16.6 | 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 |  | 15.8 | 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 | 13.494 |
| 112 | 4/17/04 | 12.0 | 12.0 | 11.6 | 10.0 |  | 22.8 | 10.3 | 13.2 | 16.0 | 12.0 |  | 13.8 | 15.4 | 12.8 |  |  |  |  | 14.0 | 19.8 | 11.8 | 14.2 | 22.0 | 16.0 | 15.4 | 14.169 |
| 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 | 16.0 | 9.8 | 16.0 |  |  |  | 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 | 16.2 | 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 | 16.8 | 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 | 15.6 |  | 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 | 12.8 |  | 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 | 10.0 | 12.7 | 13.0 | 12.8 |  |  |  |  | 17.7 | 16.8 | 12.3 | 14.6 |  | 13.0 | 14.8 | 13.675 |
| 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 | 13.3 | 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 | 12.922 |
| 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 |  |  |  |  |  | 13.3 | 18.2 | 12.0 | 13.2 | 18.0 | 12.0 | 11.2 | 13.013 |
| 126 | 5/1/04 | 12.6 | 12.0 | 15.6 | 16.4 |  | 16.0 | 14.6 | 11.6 | 11.0 | 14.0 | 15.0 |  | 14.0 |  |  |  |  |  | 16.0 | 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 |  | 16.2 | 10.4 | 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 | 16.0 | 12.4 | 11.0 | 16.4 |  |  |  |  |  | 14.8 | 19.8 | 13.6 | 12.6 | 16.0 |  | 15.4 | 13.885 |


|  | A | B | C | D | E | F | G | H | 1 | J | K | L | M | N | 0 | P | Q | R | S | T | U | V | W | X | Y | Z | AA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4 | Date | AIR | CH3 | DAU | DBG | DIL | DMR | ETN2 | ETT | HBG8 | LAN1 | LAN2 | LPT2 | LPT3 | LWN | MDT6 | MDT7 | MDT8 | MHS | MVL2 | NOT | PBT | PHL | SAHS | WIN | YRK | Grand <br> 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 | 11.6 | 16.2 |  |  |  | 16.7 | 16.2 | 12.0 | 13.4 | 14.0 |  | 14.6 | 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 | 10.6 | 14.4 |  |  |  | 15.7 | 15.6 | 14.3 | 16.6 | 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 | 14.8 | 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 |  |  |  |  | 10.5 |  | 11.8 | 13.4 | 17.0 |  | 12.8 | 13.130 |
| 134 | 5/9/04 | 14.6 | 12.0 | 15.0 | 11.2 |  | 18.4 | 13.8 |  | 11.5 | 11.4 | 12.4 |  | 14.4 | 10.6 |  |  |  |  | 14.5 | 17.6 | 9.4 | 13.6 | 18.0 |  | 16.2 | 13.662 |
| 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 | 12.0 |  | 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 | 12.6 | 15.2 |  | 12.6 | 12.2 |  | 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 | 17.6 | 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 |  |  |  |  | 14.7 | 16.2 | 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 | 10.6 | 11.8 |  | 17.2 | 13.0 | 15.6 |  |  |  | 15.0 | 16.8 | 14.6 | 12.2 | 18.0 |  | 15.4 | 13.866 |
| 144 | 5/19/04 | 12.8 |  | 14.0 | 10.5 |  | 20.8 | 12.8 | 10.6 | 14.0 | 13.0 | 8.0 |  | 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 | 12.6 | 10.0 |  | 19.6 | 12.4 | 12.8 | 15.0 | 13.6 | 10.4 |  | 15.6 |  | 13.8 |  |  |  | 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 | 16.0 |  | 15.0 | 14.138 |
| 148 | 5/23/04 | 9.4 | 12.0 | 12.8 | 12.2 |  | 21.8 | 14.4 | 11.6 |  | 14.6 |  |  | 15.0 | 14.8 |  |  |  |  | 14.5 | 16.6 | 10.0 | 12.2 | 19.0 |  | 15.2 | 13.861 |
| 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 | 12.8 | 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 | 12.2 | 19.0 |  | 15.0 | 13.329 |
| 151 | 5/26/04 | 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 | 10.8 | 17.0 |  | 14.4 | 13.398 |
| 152 | 5/27/04 | 14.2 | 12.0 | 14.4 | 10.2 |  | 20.6 | 11.6 | 13.0 |  | 11.0 | 9.8 | 14.0 | 11.6 | 11.8 | 18.4 |  |  |  | 14.7 | 15.4 | 14.4 | 10.6 | 15.0 |  | 15.6 | 13.488 |
| 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 | 16.0 |  |  |  | 11.7 | 18.0 | 14.5 | 9.4 | 20.0 |  | 17.2 | 13.642 |
| 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 |  | 16.2 | 12.2 | 11.2 |  | 11.6 |  |  | 12.8 | 16.2 |  |  |  |  | 13.0 | 21.4 | 12.8 | 11.8 |  |  | 9.6 | 13.562 |
| 156 | 5/31/04 | 12.4 | 13.0 | 17.8 | 13.3 |  | 17.8 | 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 |  | 16.2 | 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 | 13.209 |
| 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 | 16.6 | 12.0 | 13.4 | 10.0 |  | 19.6 |  | 11.4 |  | 10.4 | 12.6 |  | 16.6 |  |  |  |  |  | 11.0 | 21.6 | 12.3 | 12.6 |  | 13.0 | 14.0 | 14.123 |
| 164 | 6/8/04 | 13.0 | 12.0 | 12.0 | 11.3 |  | 16.2 |  | 9.2 | 10.5 | 14.2 |  |  | 13.2 |  |  |  |  |  | 11.0 | 17.2 | 9.0 | 12.8 |  | 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 | 16.2 | 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 | 14.6 | 11.6 |  | 13.4 | 13.0 |  |  |  |  | 13.5 | 17.2 | 8.3 | 12.6 |  | 11.0 | 16.6 | 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 | 15.6 | 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 |  | 16.6 | 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 | 12.6 | 9.7 |  | 19.4 | 13.8 | 12.8 | 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 | 9.6 | 10.2 |  |  | 13.2 | 14.046 |
| 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 | 17.8 | 12.2 | 15.0 |  |  | 13.2 | 13.844 |
| 175 | 6/19/04 | 14.4 |  | 13.6 | 13.2 |  | 16.4 | 12.6 | 13.8 | 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 | 13.8 |  | 14.4 | 12.8 |  | 15.8 | 9.6 | 14.2 | 11.0 | 13.6 | 12.4 |  | 14.2 |  |  |  |  | 14.4 | 16.0 | 15.2 | 13.5 | 14.6 |  |  | 12.2 | 13.694 |
| 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 | 10.4 |  |  | 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 | 13.592 |
| 181 | 6/25/04 | 13.2 |  | 11.4 | 11.7 |  | 17.8 | 12.6 | 13.2 | 12.0 | 12.4 |  |  | 11.6 |  |  |  |  | 18.0 | 18.3 | 18.6 | 9.6 | 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 | 16.0 | 10.6 |  | 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 | 16.6 | 10.0 | 11.4 |  |  | 14.0 | 13.088 |
| 185 | 6/29/04 | 12.0 |  | 16.6 | 14.4 |  | 14.8 | 14.2 | 11.8 | 12.0 | 14.0 | 13.2 |  | 12.8 |  |  | 16.2 |  | 6.0 | 16.0 | 15.6 | 12.8 | 14.4 |  |  | 14.4 | 13.907 |
| 186 | 6/30/04 | 13.0 | 12.0 | 12.0 | 11.5 |  | 15.2 | 12.6 | 13.4 | 15.0 | 15.7 | 13.8 |  | 14.0 |  |  |  |  | 11.0 | 12.5 | 15.0 | 12.5 | 13.4 |  |  | 13.8 | 13.333 |
| 187 | 7/1/04 | 14.8 | 13.0 | 14.6 | 12.6 |  | 17.8 | 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 | 11.8 | 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 | 15.8 |  | 13.4 | 10.3 |  | 18.8 | 12.0 |  |  | 13.2 | 12.2 |  | 15.6 | 10.5 |  |  |  |  | 11.7 | 16.0 | 11.3 | 14.0 |  |  | 13.2 | 13.600 |


|  | A | B | C | D | E | F | G | H | 1 | J | K | L | M | N | 0 | P | Q | R | S | T | U | V | W | X | Y | Z | AA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4 | Date | AIR | CH3 | DAU | DBG | DIL | DMR | ETN2 | ETT | HBG8 | LAN1 | LAN2 | LPT2 | LPT3 | LWN | MDT6 | MDT7 | MDT8 | MHS | MVL2 | NOT | PBT | PHL | SAHS | WIN | YRK | Grand <br> Total |
| 193 | 7/7/04 | 13.6 |  | 11.4 | 12.0 |  | 17.2 | 13.2 |  |  | 12.6 |  |  | 14.8 | 8.2 |  |  |  | 13.8 | 15.0 | 14.8 | 12.0 | 12.2 |  |  | 13.8 | 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 | 16.6 | 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 | 7/10/04 | 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 |  |  | 15.8 | 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 |  |  |  | 17.0 | 15.0 | 16.4 | 11.0 | 9.4 |  |  | 14.2 | 13.425 |
| 198 | 7/12/04 | 12.0 | 12.0 |  | 11.0 |  | 19.6 | 12.4 |  | 15.0 | 14.4 | 12.8 | 17.5 | 14.6 | 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 | 13.6 | 10.8 | 9.6 |  |  | 14.4 | 13.088 |
| 200 | 7/14/04 | 12.2 | 12.0 | 13.4 | 6.3 |  |  | 13.4 |  |  | 14.6 |  | 12.5 | 17.8 |  |  | 16.2 |  | 16.0 | 18.4 | 15.2 | 14.6 | 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 | 12.5 | 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 | 16.5 | 18.8 | 9.4 | 14.4 |  |  | 12.8 | 12.463 |
| 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 | 11.6 |  |  | 14.6 | 12.930 |
| 207 | 7/21/04 | 15.4 |  |  | 9.3 |  |  | 11.8 |  |  | 14.6 | 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 | 21.6 | 15.0 | 11.8 |  |  | 14.2 | 14.032 |
| 209 | 7/23/04 | 10.6 | 12.0 |  | 12.0 |  | 17.6 | 14.4 |  |  | 16.2 | 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 | 13.206 |
| 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 | 13.759 |
| 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 | 6.7 |  | 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 |  | 16.8 | 10.6 |  |  |  | 12.6 |  | 11.6 |  |  |  |  |  | 12.0 |  | 9.3 | 9.6 |  |  | 13.0 | 11.900 |
| 218 | 8/1/04 |  | 12.0 | 12.6 | 8.0 |  | 15.2 |  | 11.4 | 12.0 |  |  |  | 13.4 | 14.2 |  |  |  |  | 13.7 |  | 13.0 | 9.8 |  | 18.0 | 13.6 | 12.843 |
| 219 | 8/2/04 |  | 12.0 | 14.4 | 11.3 |  | 17.0 | 15.2 | 11.8 | 18.0 |  |  | 15.5 | 13.0 |  |  | 14.6 |  | 13.0 | 15.3 |  | 10.5 | 10.2 |  | 13.0 | 14.4 | 13.516 |
| 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 | 14.6 |  |  |  | 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 | 12.6 | 12.8 |  | 12.0 | 12.4 | 13.357 |
| 223 | 8/6/04 | 14.6 | 12.0 | 12.8 | 12.0 |  | 16.4 | 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 | 12.6 | 12.0 | 10.6 | 13.0 |  | 17.0 | 14.2 | 14.0 |  | 11.0 |  | 10.8 | 12.4 |  |  | 16.2 |  | 7.0 | 16.0 | 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 |  |  | 14.8 |  | 9.5 | 13.0 | 16.6 | 12.8 | 16.0 |  | 9.0 | 12.2 | 13.457 |
| 226 | 8/9/04 | 12.5 | 13.0 | 14.8 | 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 |  |  |  | 10.8 |  | 13.6 | 13.4 |  |  |  | 14.7 | 11.7 | 15.6 | 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 | 17.6 | 12.0 | 12.2 |  | 19.0 | 11.2 | 13.959 |
| 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 | 16.0 | 14.2 | 12.0 |  | 13.0 |  |  |  |  | 13.0 | 12.7 | 15.6 | 9.6 | 13.2 |  |  | 14.2 | 13.000 |
| 233 | 8/16/04 |  |  | 13.8 |  |  | 19.4 | 13.2 | 11.0 | 14.0 | 16.2 | 13.0 | 16.0 | 12.8 |  |  |  |  | 11.5 | 9.0 | 18.6 | 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 | 14.067 |
| 235 | 8/18/04 |  |  | 14.0 |  |  | 17.6 | 13.0 | 13.8 | 15.0 | 12.0 |  | 12.6 | 15.2 |  |  |  |  | 12.4 | 15.3 | 16.8 | 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 | 13.636 |
| 237 | 8/20/04 | 14.5 |  | 15.2 |  |  | 16.8 | 13.2 | 13.4 |  | 14.8 |  |  | 13.0 | 13.0 |  |  |  | 13.0 | 16.3 | 16.6 | 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 | 19.4 | 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 | 13.8 |  |  |  | 10.0 | 15.7 | 19.4 | 9.4 | 15.0 |  |  | 11.4 | 13.896 |
| 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 |  |  | 16.8 | 12.8 | 11.6 |  | 11.5 |  | 15.0 | 13.8 | 9.6 |  |  |  |  | 15.3 | 16.4 | 13.4 | 12.6 |  | 12.0 | 12.0 | 13.015 |
| 242 | 8/25/04 | 9.3 | 12.0 | 12.2 |  |  | 16.4 | 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 | 12.861 |
| 243 | 8/26/04 | 16.0 | 12.0 | 14.4 |  |  | 16.8 | 10.6 | 10.8 | 12.0 | 12.2 | 15.0 | 13.7 | 15.0 |  |  |  |  | 13.8 | 16.5 | 16.6 | 11.8 | 13.4 |  | 7.0 | 13.0 | 13.600 |
| 244 | 8/27/04 | 11.6 | 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 |  |  | 15.0 | 12.630 |
| 245 | 8/28/04 | 14.0 | 13.0 | 11.8 |  |  | 16.2 | 11.3 | 9.8 | 12.0 | 12.8 | 15.0 | 5.5 | 14.0 |  |  |  |  | 19.0 | 14.5 | 16.0 | 8.5 | 10.0 |  | 16.0 | 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 | 16.8 | 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 | 12.756 |
| 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 | 13.039 |
| 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 |  |  | 10.0 |  | 20.6 | 10.3 | 12.8 |  |  | 13.6 | 12.959 |
| 251 | 9/3/04 | 12.0 | 13.0 | 11.0 | 12.3 |  | 19.4 | 12.8 | 10.8 | 13.0 | 11.0 | 10.8 |  | 14.0 | 11.0 |  | 17.8 |  | 10.0 |  | 17.8 | 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 | 16.6 | 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 |  | 19.6 | 12.6 | 13.6 | 14.0 | 11.4 |  |  | 13.6 | 11.4 | 13.2 |  |  | 7.0 |  | 18.0 | 10.0 | 11.8 |  |  | 10.6 | 12.836 |
| 256 | 9/8/04 | 10.8 | 12.0 |  | 11.3 |  | 13.6 | 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 | 1 | J | K | L | M | N | 0 | P | Q | R | S | T | U | V | W | X | Y | Z | AA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4 | Date | AIR | CH3 | DAU | DBG | DIL | DMR | ETN2 | ETT | HBG8 | LAN1 | LAN2 | LPT2 | LPT3 | LWN | MDT6 | MDT7 | MDT8 | MHS | MVL2 | NOT | PBT | PHL | SAHS | WIN | YRK | Grand <br> Total |
| 257 | 9/9/04 | 10.3 | 12.0 |  | 12.7 |  | 15.8 | 11.8 | 15.2 |  | 12.4 |  |  | 14.2 | 10.0 | 11.4 |  |  | 12.0 |  | 19.6 | 13.6 | 9.6 |  |  | 14.0 | 13.071 |
| 258 | 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 |  |  | 11.8 | 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 | 13.862 |
| 263 | 9/15/04 | 12.4 | 12.0 |  |  |  | 19.6 | 11.2 | 12.0 | 13.0 | 14.6 |  |  | 13.6 | 13.4 | 14.6 |  |  | 6.5 |  | 17.6 | 10.8 | 13.6 |  |  | 13.6 | 13.582 |
| 264 | 9/16/04 | 19.0 | 12.0 |  |  |  | 16.8 | 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 |  |  |  | 18.6 | 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 | 9.0 |  |  | 14.2 | 13.746 |
| 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 | 13.806 |
| 270 | 9/22/04 | 14.8 | 12.0 | 14.6 |  |  | 17.7 | 11.0 | 12.8 | 11.0 | 10.2 |  |  | 17.0 | 12.6 | 15.8 | 15.8 |  | 13.0 |  | 16.0 | 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 |  | 14.6 | 15.4 | 12.8 |  |  | 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 | 11.8 |  |  | 16.8 | 12.855 |
| 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 | 13.594 |
| 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 | 15.0 | 13.2 |  |  | 10.3 |  | 18.4 | 11.4 | 11.8 |  |  | 16.2 | 13.987 |
| 277 | 9/29/04 | 13.6 | 12.0 | 11.0 | 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 | 13.394 |
| 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 | 11.5 | 16.0 |  |  | 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 |  |  | 16.8 | 13.294 |
| 282 | 10/4/04 | 13.8 | 12.0 | 13.6 | 8.5 |  | 17.0 | 14.2 | 11.4 | 11.0 | 13.0 | 13.8 |  | 14.8 | 11.2 | 16.2 |  |  |  | 14.3 | 16.6 | 8.5 | 11.4 |  |  | 13.8 | 13.295 |
| 283 | 10/5/04 | 11.5 | 12.0 | 10.8 | 8.8 |  | 18.0 | 12.6 | 9.2 | 14.5 | 10.4 | 10.2 |  | 16.2 | 10.2 | 13.8 |  |  | 6.0 | 12.0 | 18.0 | 10.8 | 13.0 |  |  | 13.2 | 12.398 |
| 284 | 10/6/04 | 13.0 | 12.0 | 11.6 | 10.5 |  | 13.4 | 14.5 | 12.8 | 14.0 | 14.4 |  |  | 11.8 | 10.0 | 16.2 |  |  | 8.0 | 11.8 | 18.8 |  | 10.8 |  |  | 12.4 | 12.855 |
| 285 | 10/7/04 | 12.8 | 12.0 | 16.6 | 10.0 |  | 19.6 | 14.2 | 13.2 | 16.0 | 14.2 | 13.0 |  | 14.0 | 9.6 | 14.8 |  |  | 11.3 | 13.5 | 17.8 |  | 10.6 |  |  | 13.2 | 13.667 |
| 286 | 10/8/04 | 12.0 | 13.0 | 16.8 |  |  | 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 | 11.0 |  | 12.4 |  |  |  | 7.8 |  |  |  | 9.0 | 14.0 | 14.4 |  | 12.4 |  |  | 13.2 | 13.323 |
| 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 |  | 11.8 |  |  | 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 |  | 12.8 | 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 | 15.6 |  |  | 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 | 16.6 | 12.0 | 9.6 |  |  | 13.4 | 13.253 |
| 293 | 10/15/04 | 16.2 | 12.0 | 13.0 | 5.5 |  |  | 14.2 | 11.0 | 14.3 | 13.5 | 12.0 |  | 14.4 | 15.8 | 13.6 |  |  | 15.5 | 12.0 | 16.0 | 12.8 | 12.6 |  |  | 13.8 | 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 | 16.0 |  |  |  | 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 | 12.8 |  | 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 |  |  | 13.8 | 13.2 | 14.2 |  |  |  | 11.5 | 17.8 | 13.2 | 14.6 |  |  | 14.2 | 13.167 |
| 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 | 13.086 |
| 302 | 10/24/04 | 12.8 | 12.0 | 14.8 | 10.8 |  | 18.6 | 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 |  | 18.6 | 14.0 | 12.2 | 16.4 | 13.0 | 9.0 |  | 14.4 | 15.4 | 14.2 |  |  |  | 13.3 | 20.4 | 11.8 | 14.0 |  |  | 15.6 | 14.116 |
| 304 | 10/26/04 | 13.6 | 12.0 | 12.8 | 11.3 |  | 17.4 | 13.0 | 12.4 | 15.5 | 15.8 |  |  | 14.2 | 11.2 | 16.8 |  |  |  | 12.0 | 16.4 | 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 | 13.778 |
| 309 | 10/31/04 | 12.6 | 11.0 | 12.6 | 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 | 14.139 |
| 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 | 16.6 |  |  |  | 13.8 | 17.2 | 11.2 | 14.0 |  |  | 12.0 | 13.532 |
| 313 | 11/4/04 | 14.0 |  | 14.0 | 9.8 |  | 14.6 | 13.6 | 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 |  | 10.6 | 13.4 |  | 10.0 | 10.8 |  |  |  |  | 18.3 | 17.0 | 13.0 | 13.4 |  |  | 14.0 | 13.314 |
| 315 | 11/6/04 | 10.4 |  |  | 11.4 |  | 15.0 | 10.8 | 12.8 |  | 13.2 | 12.4 |  | 13.8 | 12.2 |  |  |  |  | 13.0 | 16.4 | 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 | 18.5 | 13.8 | 13.8 |  |  |  |  | 14.0 | 16.0 | 10.6 | 13.6 |  |  | 12.8 | 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 | 16.2 | 13.8 | 16.4 |  |  | 15.8 | 14.679 |
| 319 | 11/10/04 | 13.8 |  | 11.4 | 6.3 |  | 19.6 | 10.6 | 12.4 |  | 12.2 | 11.2 |  | 12.6 | 10.0 | 13.0 |  |  |  | 17.3 | 18.6 | 11.0 | 12.0 |  |  | 12.0 | 12.863 |
| 320 | 11/11/04 | 11.6 |  | 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 | 13.8 |  |  | 13.6 | 14.200 |


|  | A | B | C | D | E | F | G | H | 1 | J | K | L | M | N | 0 | P | Q | R | S | T | U | V | W | X | Y | Z | AA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4 | Date | AIR | CH3 | DAU | DBG | DIL | DMR | ETN2 | ETT | HBG8 | LAN1 | LAN2 | LPT2 | LPT3 | LWN | MDT6 | MDT7 | MDT8 | MHS | MVL2 | NOT | PBT | PHL | SAHS | WIN | YRK | Grand <br> 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 | 13.611 |
| 322 | 11/13/04 | 12.0 |  | 11.6 | 9.7 |  | 16.8 | 13.4 | 11.2 | 13.5 | 16.4 | 10.6 |  | 14.6 | 11.2 |  |  |  |  | 12.3 | 19.4 | 12.0 | 13.2 |  |  | 11.4 | 13.254 |
| 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 | 11.0 | 14.6 |  |  | 12.0 | 12.808 |
| 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 | 13.3 | 16.2 | 11.0 | 14.8 |  |  |  | 13.0 | 16.2 | 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 |  | 15.6 | 10.2 | 14.0 |  |  |  | 11.5 | 16.8 | 11.3 | 14.2 |  |  | 14.6 | 13.514 |
| 327 | 11/18/04 | 14.2 |  | 16.2 | 12.0 |  | 16.2 | 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 | 16.2 | 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 | 11.0 | 16.0 |  |  | 15.0 | 13.451 |
| 330 | 11/21/04 | 14.8 |  | 14.8 | 9.8 |  | 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 | 14.8 |  |  | 13.2 | 13.617 |
| 332 | 11/23/04 | 9.6 |  |  | 10.7 |  | 14.6 | 12.0 | 13.0 | 13.0 | 11.8 | 11.8 |  | 16.6 | 14.0 | 14.4 |  |  |  | 20.3 | 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 | 14.8 | 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 | 13.8 | 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 |  | 13.8 | 9.3 |  | 16.8 | 13.0 | 10.4 | 12.5 | 18.0 | 12.0 |  | 14.6 |  |  |  |  |  | 19.0 | 15.8 | 9.8 | 13.6 |  |  | 10.0 | 13.000 |
| 337 | 11/28/04 | 14.8 |  | 16.4 | 11.0 |  | 15.8 | 12.8 | 13.6 | 16.6 | 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 | 12.8 |  | 15.8 | 13.6 | 12.0 | 13.5 | 15.0 | 14.2 |  | 16.8 |  |  |  |  |  | 17.0 | 19.0 | 12.2 | 11.8 |  |  | 15.6 | 14.485 |
| 340 | 12/1/04 | 11.6 |  | 11.4 | 10.0 |  | 18.0 | 9.4 | 14.2 | 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 | 12.8 |  | 17.8 | 14.4 | 12.6 | 14.7 | 17.2 |  | 19.0 | 13.4 | 17.2 | 15.2 |  |  |  | 16.5 | 17.2 | 12.2 | 15.2 |  |  | 17.0 | 15.221 |
| 342 | 12/3/04 | 13.8 |  | 17.8 | 13.7 |  | 20.6 | 11.2 | 9.6 | 15.3 | 14.2 |  |  |  |  |  |  |  |  | 16.3 | 19.8 | 9.3 | 10.2 |  |  | 16.8 | 14.632 |
| 343 | 12/4/04 | 13.0 |  | 14.0 | 14.7 |  | 19.8 | 13.4 | 13.8 | 6.0 | 12.6 |  |  | 13.4 |  |  |  |  |  | 16.4 | 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 |  | 16.6 |  |  | 15.2 |  |  |  |  |  | 13.8 | 18.2 |  | 14.0 |  |  | 12.0 | 14.500 |
| 345 | 12/6/04 | 14.0 |  | 14.4 | 13.8 |  | 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 | 17.0 | 12.0 | 12.5 | 14.8 |  | 11.3 | 13.6 | 10.6 | 14.6 |  |  |  | 20.0 | 19.8 | 15.6 | 14.6 |  |  | 13.6 | 15.053 |
| 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 | 11.8 |  | 17.8 | 12.6 | 12.8 |  | 13.8 | 12.6 | 14.8 |  | 12.4 | 14.0 |  |  |  | 15.3 | 17.6 | 12.4 | 15.8 |  |  | 14.0 | 13.896 |
| 349 | 12/10/04 | 14.0 |  | 11.4 | 16.3 |  | 16.6 | 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 | 16.4 | 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 | 13.676 |
| 352 | 12/13/04 | 15.8 |  | 15.8 | 12.3 |  | 17.8 | 15.0 | 11.4 | 13.5 | 15.5 | 12.8 |  | 13.2 | 10.6 | 15.6 |  |  |  | 13.8 | 21.2 | 11.8 | 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 |  |  |  | 16.0 | 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 | 12.2 |  | 12.4 | 10.0 | 16.2 |  |  |  | 13.7 | 20.4 | 10.4 | 11.6 |  |  | 13.4 | 13.805 |
| 357 | 12/18/04 | 13.6 |  | 11.8 |  |  | 16.0 | 13.4 | 13.8 | 13.0 | 14.4 | 13.6 |  | 14.2 |  |  |  |  |  | 17.5 | 21.5 | 10.2 | 13.6 |  |  | 13.6 | 14.200 |
| 358 | 12/19/04 | 17.0 |  | 15.8 | 14.5 |  | 19.6 | 12.8 | 10.8 | 13.0 | 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 | 12.6 |  | 14.4 | 12.2 | 12.2 | 14.6 | 8.0 | 18.6 |  |  | 10.0 | 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 |  | 12.6 | 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 |  | 19.6 | 14.2 | 11.4 | 15.0 | 11.8 | 10.4 |  | 12.8 | 12.4 | 16.2 |  |  |  | 15.7 | 15.6 | 16.2 | 15.6 |  |  | 15.0 | 14.026 |
| 363 | 12/24/04 | 8.0 |  | 15.8 | 12.0 |  |  | 13.8 | 12.6 | 11.5 | 12.3 |  |  | 14.0 |  |  |  |  |  | 15.5 | 21.6 | 12.0 | 13.6 |  |  | 12.8 | 14.213 |
| 364 | 12/25/04 | 10.3 |  | 13.2 |  |  |  | 10.0 | 10.6 | 15.5 | 10.8 |  |  | 9.2 |  |  |  |  |  | 13.5 | 20.3 | 12.0 | 12.8 |  |  | 12.6 | 12.260 |
| 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 | 12.860 |
| 367 | 12/28/04 | 11.2 |  | 12.6 |  |  |  | 11.4 | 9.4 |  | 15.0 | 11.6 |  | 14.0 | 9.6 |  |  |  |  | 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 | 16.6 | 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 | 16.8 |  |  |  |  | 12.8 | 16.8 | 11.3 | 13.2 |  |  | 13.4 | 14.333 |
| 370 | 12/31/04 | 13.4 |  |  |  |  | 19.2 |  | 12.0 |  | 13.2 | 10.2 | 16.0 | 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 | 13.625 | 12.390 | 13.343 | 14.017 | 11.885 | 14.286 | 16.346 | 17.400 | 12.337 | 13.866 | 18.001 | 11.813 | 12.925 | 17.609 | 12.765 | 13.776 | 13.543 |


[^0]:    * 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.

