Final Report: Task 45

Pennsylvania Spatial Data Access (PASDA)

Submitted to:

Pennsylvania Department of Environmental Protection
Management and Technical Services
Harrisburg, PA 17105

Submitted by:

Todd S. Bacastow

Maurie Caitlin Kelly

Office of Remote Sensing of Earth Resources
Environmental Resources Research Institute
The Pennsylvania State University
University Park, PA 16802

July 1999

Introduction

The Pennsylvania Spatial Data Access (PASDA) system has had a highly successful and productive year. PASDA, as Pennsylvania's node on the National Spatial Data Infrastructure (NSDI), has become a leader in the nation in access to geospatial data and metadata.

Over the past year, PASDA has doubled both data sets and metadata records and has substantially increased its user services. PASDA has added over 4000 data sets in the past year that include Digital Ortho Photo Quadrangles, and data from the Susquehanna River Basin Commission, Delaware River Basin Commission, the Alliance for Aquatic Resources Monitoring, the Environmental Protection Agency, the National Wetlands Inventory, the Breeding Bird Atlas of Pennsylvania, PA Fish and Boat Commission data, Stone Valley Experimental Forests, the Natural Heritage Inventory, and the National Elevation Database (NED). A major initiative for the year was to acquire and make available the Digital Ortho Photo Quadrangles for Pennsylvania. As of June 30th, 1999, 2,556 DOQs were available through PASDA. This project was done in cooperation with the PA Topographic and Geologic Survey and involved the transformation of .bil files to GeoTiffs and then compressing these files using Mr. Sid.

The metadata effort over the past year resulted in the addition of over 4800 metadata records to the PASDA database. The PASDA metadata specialist worked with a wide variety of data stakeholders. Two Pennsylvania counties are now PASDA partners—Lancaster and Huntingdon. Other site visits included Murraysville, Delaware Water Gap Recreational Area, Huntingdon Middle School, and the Susquehanna River Basin Commission. PASDA's use of XML to maintain its metadata database is still unique in the country and will be featured in an upcoming article in the American Planning Association's journal *Planning*.

The PASDA team was extremely active in promoting their services and the system at state-wide and national events during 1998/99. PASDA was represented at Penn State's Ag Progress Days; the PA State Data Center Conference; the PA Alliance for Environmental Education Conference; the PA Farm Show; a summit held by the West Virginia Geological Survey; the Keystone Coldwater Conference; the Federal Depository Library Conference; the PA GIS Conference where two PASDA presentations were featured; the National GeoData Forum; the PA Conference on Acid Mine Drainage and Watersheds; and the DCNR GIS Workshop. In addition to these events, PASDA was invited to participate and present at meetings held by the Delaware Valley Regional Planning Commission and Three Rivers Connect.

These outreach efforts also resulted in PASDA being featured in several publications. In August 1998, PASDA was featured in an article in *Business Geographics.* PASDA was also named Pennsylvania Destination of the Day http://www.aboutpennsylvania.com/

Meetings, conferences, site visits
and 4800 metadata records

The impact of PASDA can be seen in testimonials and comments such as those above from John Sargent and in its ever increasing user base.

Currently on PASDA we have 8,386 data files. They comprise
105 gigabytes and are categorized into 33 data 'collections.'
Doug,

The projection parameters are:

Projection ALBERS

Zunits NO

Units METERS

Spheroid CLARKE1866

Xshift 0.0000000000

Yshift 0.0000000000

Parameters

40 0 0.000 /* 1st standard parallel

42 0 0.000 /* 2nd standard parallel

-78 0 0.000 /* central meridian

39 0 0.000 /* latitude of projection's origin

0.00000 /* false easting (meters)
0.00000 /* false northing (meters)

Use NAD27 datum

Todd Bacastow

Thanks for the info. Once again, great site. Hope it gets even better. Keep
up the good work!

> From: Doug Haluza <dhaluza@pipeline.com>
> To: pasda@psu.edu
> Subject: 7.5' DRG Datum
> Date: Sunday, July 05, 1998 8:55 PM
>
> Great site! Lots of useful information!
>
> One question on the DRG's. I see that you now have DRG's with the borders
> stripped off. This is a big help. But the coordinate system is different.
> The DRG's with borders are in standard UTM coordinates. They load fine in
my
> GIS software. The new stripped DRG's are in meters, but have a different
> origin. I was able to figure out that the false easting has been removed
and
> the easting origin is 78 deg W. I cannot find the northing origin because
it
> is below the southernmost map. I could probably make a good guess, but I
> would rather have the straight scoop.
>
> Also one further question. When loading the DRG's, should I use NAD27 or
> NAD83 as the ellipsoid reference for the UTM coordinates? I know the maps
> were originally done in NAD27, but I'm not sure what the reference is for
> the georeferencing *.tfw file.
>
> Note that this information is not contained in the standard metadata
file.
> It would be a helpful addition.

>
> Thanks in advance for your assistance.
>
> Doug Haluza, PE
>

Great site! Lots of useful information!

One question on the DRG's. I see that you now have DRG's with the borders
stripped off. This is a big help. But the coordinate system is different.
The DRG's with borders are in standard UTM coordinates. They load fine in my
GIS software. The new stripped DRG's are in meters, but have a different
origin. I was able to figure out that the false easting has been removed and
the easting origin is 78 deg W. I cannot find the northing origin because it
is below the southernmost map. I could probably make a good guess, but I
would rather have the straight scoop.

Also one further question. When loading the DRG's, should I use NAD27 or
NAD83 as the ellipsoid reference for the UTM coordinates? I know the maps
were originally done in NAD27, but I'm not sure what the reference is for
the georeferencing *.tfw file.

Note that this information is not contained in the standard metadata file.
It would be a helpful addition.

Thanks in advance for your assistance.

Doug Haluza, PE

Maurie,

I am using ArcExplorer for my GIS software. Know I am having difficulty
saving the files to a folder. Should they be saved each into their own
folder? Also what do you mean by "GIS software package"?
Thanks for taking your time to help me.
-Rachel

On Thu, 21 Jan 1999, Maurie Kelly wrote:

> Rachel,
>
> What are you using to try to view the data. The metadata is just a file you
> can view from the website. You need some kind of GIS software to view the
> actual data. Most of our data is zipped so you would have to unzip it using

> a program like pkzip or winzip (there are links to these from our
> assistance page) then import it into a GIS software package.
>
> ----------
> > From: Rachel M. Webb <s00.rwebb@wittenberg.EDU>
> > To: pasda@psu.edu
> > Subject: how do i view the map
> > Date: Thursday, January 21, 1999 12:58 PM
> >
> > To whom ever can help me, I am trying to view the metadata on the
> > surface geology of Butler County, PA. and not succeding. What do I
> > need to do to see this map/data.
> > you can reply to s00.rwebb@Wittenberg.edu. Thank you for your time
> >
> > Rachel
> >
>

Maurie,

Thanks for your quick response. Thursday or Friday would be great. Please proceed with the projection.

Thank you very much.

****
Bob Day
DIGITAL DAY TECHNOLOGIES
4941 Columbus Ave. S., Minneapolis, MN 55417
(612)827-6558 bobday@daynet.com
www.daynet.com

-----Original Message-----
From: Maurie Kelly <mck4@psu.edu>
To: Bob Day <bobday@digi-day.com>
Date: Tuesday, February 02, 1999 9:46 AM
Subject: Re: Pennsylvania data projection

>Bob,
>
>I will try to do this but it may not be until Thursday or Friday. If that
>is okay, I will go ahead and have our data specialist work it out. Maurie
>
>----------
>> From: Bob Day <bobday@digi-day.com>

>> To: Maurie Kelly <mck4@psu.edu>
>> Subject: Re: Pennsylvania data projection
>> Date: Tuesday, February 02, 1999 2:23 AM
>>
>> Maurie:
>>
>> I am still struggling to get this "PUBWTSUP" data to match my other data.
>> Is there any way that I could get it in a different projection like
>decimal
>> degrees or a common NAD27 or NAD83 projection. My problem is that I use
>> ArcView, which doesn't have the power that ArcInfo has to project data.
>> Therefore, I have to convert the projection using software called
>GeoMorph,
>> which only recognizes common projections like:
>> NAD27 Pennsylvania State Planes, Northern Zone, US Foot
>> NAD27 Pennsylvania State Planes, Southern Zone, US Foot
>> NAD83 Pennsylvania State Planes, Northern Zone, Meter
>> NAD83 Pennsylvania State Planes, Northern Zone, US Foot
>> NAD83 Pennsylvania State Planes, Southern Zone, Meter
>> NAD83 Pennsylvania State Planes, Southern Zone, US Foot
>> or Generic Lat/Long
>>
>> Is it possible for me to get this data in one of the previous
>projections?
>>
>> Thank you.
>>
>> **
>> Bob Day
>> DIGITAL DAY TECHNOLOGIES
>> 4941 Columbus Ave. S., Minneapolis, MN 55417
>> (612)827-6558 bobday@daynet.com
>> www.daynet.com
>>
>> -----Original Message-----
>> From: Maurie Kelly <mck4@psu.edu>
>> To: Bob Day <bobday@digi-day.com>
>> Date: Thursday, June 11, 1998 12:48 PM
>> Subject: Re: Pennsylvania data projection
>>
>>
>> >Bob,
>> >
>> >There are no False Easting or Northing corrections needed. Someone here
>> >who has worked with the data said that some locations are not exact for
>the

>> >wells and that might be the problem you are having.
>> >
>> >Maurie Caitlin Kelly
>> >Environmental Resources Research Institute
>> >130 Land & Water Building
>> >University Park, PA 16802
>> >814-863-0104 (voice) 814-865-3378 (fax)
>> >mck4@psu.edu
>> >
>> >----------
>> >From: Bob Day <bobday@digi-day.com>
>> >To: pasda@psu.edu
>> >Subject: Pennsylvania data projection
>> >Date: Thursday, June 04, 1998 11:00 PM
>> >
>> >Hello:
>> >
>> >I recently downloaded a GIS coverage called "pubwtsup" which shows all
>the
>> >intake locations for public water supplies in your state. I am trying
>to
>> >match it with some other information, but have not had much luck. In
>the
>> >metadata's spatial reference description, the only information included
>is
>> >the basic projection "Map_Projection_Name: Albers Conical Equal Area ".
>> >I'm guessing that there are additional adjustments to make such as a
>> >correction in the False Easting. Could you provide me with any more
>> >information that you might have?
>> >
>> >Thank you,
>> >Bob Day
>> >
>> >
>> >
>> > BOB DAY
>> > Digital Day Technologies
>> > 4941 Columbus Ave. S., Minneapolis, MN 55417
>> > (612)827-6558 bobday@daynet.com
>> > www.daynet.com
>> >
>> >
>>
>
>X-PH: V4.1@r02n06
>From: "Bob Day" <bobday@digi-day.com>

>To: "Jeff Gockley" <jsg124@psu.edu>
>Subject: Re: Pennsylvania data projection
>Date: Fri, 5 Feb 1999 12:41:38 -0600
>X-MSMail-Priority: Normal
>X-Mailer: Microsoft Outlook Express 4.72.3115.0
>X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3
>
>Jeff,
>
>Thanks again for the info!
>
>***
>Bob Day
>DIGITAL DAY TECHNOLOGIES
>4941 Columbus Ave. S., Minneapolis, MN 55417
>(612)827-6558 bobday@daynet.com
>www.daynet.com
>
>-----Original Message-----
>From: Jeff Gockley <jsg124@psu.edu>
>To: Bob Day <bobday@digi-day.com>
>Date: Friday, February 05, 1999 12:28 PM
>Subject: Re: Pennsylvania data projection
>
>
>>Sorry, just got the wrong file selected in the zipping process. I don't
>>think it has a pwsid# in the .dbf. Also, Maurie was right about the
>>locations of some of the points being in the wrong location. I am working
>>on a project now to correct the location of the surface water intakes. I
>>don't know if this layer will make it up on PASDA, but keep your eyes
>peeled.
>>
>>
>>
>>At 12:11 PM 2/5/99 -0600, you wrote:
>>>Jeff,
>>>
>>>I just realized that I need one more file from you. To bring a
>"shapefile"
>>>into ArcView, I need the "pubwtsup.shp", "pubwtsup.shx", and
>"pubwtsup.dbf"
>>>files. You sent me the first two, but I still need the .dbf file. Could
>>>you please send me that file when you get a chance? My other question is
>>>does this coverage include the PWSID# and a code that designates whether
>it
>>>is form a ground source or surface water source? Thanks again for your

>>>help.
>>>
>>>**
>>>Bob Day
>>>DIGITAL DAY TECHNOLOGIES
>>>4941 Columbus Ave. S., Minneapolis, MN 55417
>>>(612)827-6558 bobday@daynet.com
>>>www.daynet.com
>>>
>>>-----Original Message-----
>>>From: Jeff Gockley <jsg124@psu.edu>
>>>To: bobday@digi-day.com <bobday@digi-day.com>
>>>Cc: mck4@psu.edu <mck4@psu.edu>
>>>Date: Friday, February 05, 1999 11:17 AM
>>>Subject: Re: Pennsylvania data projection
>>>
>>>
>>>>Bob,
>>>>
>>>>I am the data specialist for PASDA that Maurie was speaking of. I have
>>>>projected the coverage into decimal degrees, converted them to shapefile
>>>>format, and then zipped them togther. I have also attached the Projector
>>>>extention for ArcView. Put this file into the directory
>>>>Esri/Av-gis30/Arcview/tools, and then before you open a new view, check
>the
>>>>projector extention under the "file -extentions" pull-down menu. A new
>>>>button should appear in the view that has a big arrow. Click that button
>>>>and follow the instructions for changing projections in the future.
>>>>
>>>>
>>>
>>>
>>>
>
>
>
Jeffrey Gockley
Environmental Resources Research Institute
Pennsylvania State University
Land and Water Building
Phone 814-863-3530
Fax 814-865-3378

Hi,
I noticed the cropped DRGs you provide at PASDA. I am in the process of

cropping our USGS 1:24k DRGs for WV. Do you have any AML's or pointers you could share to help speed up this process for me?

I know how to crop them using Arcinfo, but have been thinking about a way to automate it for the state.

Thanks for any info,

Mike Strager
Natural Resource Analysis Center
West Virginia University
ph 304-293-6253 x4453
fx 304-293-3752
www.nrac.wvu.edu

I am in dire need of the following 24K DEM files and I cannot find them at this site, nor are they on the PaMAGIC DEM CD:
Bristol
Perkiomenville
Trenton East
Trenton West
Are these files availabe and if they are, where can I get them??

Thank you for your prompt help with this.

Regards,

Gary H. Bowles
GIS Specialist
Heritage Conservancy
Doylestown, PA

>Date: Wed, 07 Jul 1999 09:01:11 -0400
>From: Robert.Cheetham@phila.gov
>Subject: metadata and xml
>To: cxp7@psu.edu
>
>Chris,
>
>I am writing as I'm really impressed with the progress PASDA has made with its
>data repository project and the quality of the metadata presented there. Jeff
>Gockley gave me your name to contact regarding some details on your
>implementation. I've done a lot of research over the last month on the FGDC
>standards and what is out there in terms of software tools, but your system

>seems way ahead of anything else I've seen, particularly in terms of its
>deployment of XML.
[...............]
>thanks for your help.
>
>robert

Metadata

- Held metadata training for GAP Analysis program
- Corrected Terrabyte metadata
- Updated spatial reference information for DRGs
- Updated school district metadata
- Metadata for 61 coverages from SEDA-COG was completed and added to PASDA.
- A new "How to Use" section on metadata was written for the new prototype PASDA.
- Worked on DCNR initiative and developed guidelines for biological metadata based on GAP experience.
- Uploaded complete metadata for the watersheds 104
- Created metadata for Pennsylvania and county networked streams coverage and Pennsylvania Major Watersheds (104 watersheds) coverages from ERRI.
- Wrote metadata for representative coverages and data sets from Delaware Valley Regional Planning Commission (DVRPC), including tabular data and county/regional mapping data.
- Worked with Susquehanna River Basin Commission on creating FGDC compliant metadata for their data sets.
- Began working with Clearwater Conservancy to identify and document available data sets on the Spring Creek/Bald Eagle watershed.
- Visited Deborah Nardone of the Juniata Clean River Proejct to obtain data and create metadata
- Contacted Richard Stahl of Huntingdon County Planning.
- Contacted Northwestern Pennsylvania Regional Planning Commission about their potential for participation with PASDA. While their interest in PASDA is keen the GIS data that they use is data extracted from files downloaded from PASDA.
- Contacted Nancy Sikora of Cranberry Township Pennsylvania.
- Contacted Mary Davis of Regional Planning Technologies in Western Pennsylvania. RPT does contracting work for several municipalities in Western Penna. and will provide a list of those municipalities and contacts.
- PASDA metadata for Urban areas and school districts was updated
- Metadata for Coal mining coverages from BMR
- Metadata for Drinking water supply coverages from DEP

- Preliminary documentation for Susquehanna River Basin Commission metadata is being prepared. It will be completed within the next month.
- Created metadata for ca. 100 coverages of coal and industrial mining permitted areas for Bureau of Mining and Reclamation.
- Created metadata for ground and surface drinking water supplies for data supplied by DEP, Bureau of Water Supply Management.
- Began documentation of Huntingdon Middle School stream data.
- Worked on DOQ metadata.
- In March will be doing Lancaster County and Huntingdon County metadata.
- Metadata for Susquehanna River Basin Commission drafted and sent to Bob Edwards for review.
- Met with Jay Parrish and Lancaster County GIS Department to gather information for creating metadata for their data. County policies limit the online distribution of their data but they will share what they can. There are 60 some datasets.
- Created preliminary training materials for new part-time metadata assistant.
- Began developing metadata form/tool for Lancaster County to update metadata.
- Met with Richard Stahl of Huntingdon County Planning to start the metadata process. He has used PASDA extensively for data and is willing to share what the County will allow for other data. Much of their data is created through contracts with IUP.
- Attended Juniata Watershed Comprehensive Plan public meeting sponsored by the Juniata Cleanwater Conservancy.
- Contacted and visited Jay Parrish at Lancaster County GIS to gather information for data documentation. Metadata creation is underway for about 30 data layers maintained by them and documentation should be ready for review by Lancaster County in mid-May.
- Contacted and visited Huntingdon County Planning to prepare for documentation of their data layers (about 40). They are in the process of preparing further information to initiate the documentation process.

- Susquehanna River Basin Commission metadata has undergone preliminary review, changes have been made and additional documentation created. This metadata and metadata for EPA coverages to be added to website within the week.
- Began training of Dan McGarvey as a part-time documentation assistant. The training is proceeding well. He will be documenting the Pennsylvania Breeding Bird Atlas for PASDA later in the month of May.

- Presentations are being prepared for the 3 Rivers Connect organization in Pittsburgh and the Pennsylvania GIS Conference to be held in Harrisburg.

Data Enhancements

- Installed new version of GeoMedia Web Map for Watershed Explorer
- Recreated and reindexed DOQ metadata
- Finalized data/metadata status site
- Began integrating BASINS data into Watershed Explorer
- Developed expanded menu graphic
- Loaded 300 additional DOQs
- Created new headers for all DOQs and zipped with data file
- Added more to FAQ
- Added data from Alliance for Aquatic Resource Monitoring (ALLARM)
- Acquired two new DEMs added to ftp site
- Acquired new DRG added to ftp site
- Added three GAP Analysis Program coverages to ftp site
- Added data from the PA Fish Commission (sensitive data was removed)

Linked to Erie County online mapping and DEP PFAS

- Penn State Experimental Forest (80 data sets in process as of 2/1/99)
- Delaware River Basin Commission (6 data sets in process as of 2/1/99)
- Stone Creek/Muddy Run (3 data sets in process as of 2/1/99)
- Spring Creek Natural Heritage sites (in process as of 2/1/99)
- Digital Raster Graphics (128)
- Digital Elevation Models (7)
- Juniata Clean Water Partnership (in process as of 2/1/99)
- A new PASDA logo was created.
- New FAQ
- PASDA projects addition
- PASDA on the Road addition
- New PASDA Design
- Added new boolean search
- Implemented metadata abstracts
- Currently implementing Mr. Sid viewer
- Currently converting DOQs to Mr. Sid format
- Creating online mapping by watershed, PA House District, and specialized mapping for Penn State Experimental Forest and Erie County.
- Meeting with Marian Hrobocheck in March to acquire PA river conservation plans.

Delaware River Basin Commission (5 data sets)

- PA Explorer Data
- National Park Service Data (5 data sets)
- Susquehanna River Basin Commission (69 data sets)
- Environmental Protection Agency (6 data sets)
- Environmental Resources Research Institute (12 data sets)
- Chesapeake Bay Program (33 data sets)
- Digital Ortho Photos (1500 as of 3/1/99)
- National Wetlands Inventory (280 data sets)

- Penn State University/Geography Department (Susquehanna River Basin data)

PA Department of Environmental Protection (3 data sets)

- Developed and implemented Search by Watershed.
- Redesigned map based search parameters to search Isite database.
- Created pdf index maps for quadrangles and counties.
- Added 400 DOQs to database.
- Recreated and indexed DOQ metadata.
- Updated FAQ.

Added 10 new data sets.

Administrative

Meetings

- 07/03/98 Meeting to discuss PASDA improvements. Participants: Todd Bacastow, Jason Cupp, Marty Gutowski, Maurie Kelly
- 07/09/98 Meeting with Erie County Department of Planning. Participants: Todd Bacastow, Brian Barnhizer, Don Benczkowski, Maurie Kelly, Dave Skellie. Discussed documenting data and putting up on PASDA.
- 07/10/98 Meeting to discuss new PASDA task. Participants: Todd Bacastow, Kenwood Giffhorn, Judy Hewes, Maurie Kelly
- 07/14/98 Meeting to discuss biological data documentation. Participants: Todd Bacastow, Ryan Baxter, Maurie Kelly, Kristi Sullivan.
- 07/21/98 Meeting to discuss documentation of Susquehanna River Basin data. Participants: Todd Bacastow, Maurie Kelly, Brian McCullogh.
- 07/23/98 Meeting to discuss documenting GAP data. Participants: Joe Bishop, Maurie Kelly
- 07/24/98 FGDC Teleconference. Participants: Todd Bacastow, Maurie Kelly
- 07/27/98 Meeting with PA Geological Survey re obtaining the Digital Ortho Photo Quadrangles for PA. Participants: Todd Bacastow, Don Hoskins, Maurie Kelly
- 07/31/98 Meeting to begin developing metadata team. Participants: Todd Bacastow, Maurie Kelly, Lisa Stimatz (Capitol College)
- 08/03/98 Meeting Participants: DCNR, Fish & Boat Commission, Game Commission and PASDA team to discuss inventory and documentation of data sets.
- 08/04/98 Meeting Participants: Maurie Kelly and Barbara Kinne of the American Association of Geographers about an article on PASDA for the Cartographers Section.
- 08/05/98 Meeting Participants: Maurie Kelly and Gil Hirschel of the Susquehanna River Basin Commission about acquiring and documenting data.

- 08/12/98 Meeting Participants: Jason Cupp, Maurie Kelly, and Marty Gutowski about new PASDA.
- 08/12/98 Meeting Participants: Todd Bacastow, Jason Cupp, David Dibiase, Marty Gutowksi, Maurie Kelly, and Chris Pfieffer about new PASDA contract and services.
- 08/13/98 Meeting Participants: Todd Bacastow, Sally Kalin, Maurie Kelly about new PASDA contract and library participation.
- 08/18/98-08/20/98 Ag Progress Days at Rock Springs, PA. PASDA display was part of the GIS exhibition at the Ag Sciences Building. In addition, handed out PASDA literature and demonstrated using PASDA data. Participants: Todd Bacastow, Jason Cupp, Jeff Gockley, Maurie Kelly, Chris Pfeiffer, Tracey Walrath.
- 08/21/98 Meeting Participants: Todd Bacastow, David Dibiase, Jason Cupp, Maurie Kelly, Chris Pfeiffer. Discussed enhancements, improvements, and new services for PASDA.
- 8/24/98 GIS Coordination Meeting/PASDA Exhibit. The PASDA display and PASDA literature were available during the meeting and PASDA was discussed as a resource for the state.
- 8/26/98 Heinz Foundation Grant meeting. Participants: Maurie Kelly, Sally Kalin, Chris Pfeiffer, Debora Cheney, Marie Bednar, Amy Paster, Brian McCullough. Finalized a proposal to the Heinz Foundation in which PASDA will play an integral role in data documentation, collection, and dissemination.
- 8/31/98 Finalized plans to document Erie County data. Chris Pfeiffer will be going up to Erie on Sept. 24.
- Pfeiffer, Tracey Walrath.
- 9/11/98 Meeting with the Clearwater Conservancy about acquiring data for the watershed. Participants: Maurie Kelly, Jeff Gockley
- 9/11/98 NSDI Clearinghouse Workshop sponsored by the Federal Geographic Data Committee in Annapolis, MD.   Attendee: Marty Gutowksi
- 9/14/98 Meeting with Susquehanna River Basin Commission. Participants: Maurie Kelly, Jeff Gockley, Chris Pfieffer
- 9/16/98 Pennsylvania State Data Conference. PASDA was one of the exhibitors for the conference. Attendees: Maurie Kelly, Tracey Walrath
- 9/16/98 Meeting Delaware Valley Information Exchange Group. Chris Pfieffer was invited to attend this meeting to discuss PASDA and answer questions for the diverse group (utilities, local/county government, business are all members).   Chris was asked to return in December to do a formal presentation on PASDA.
- 9/17/98 Meeting with PADEP at ERRI to demonstrate new PASDA interface. Participants: Todd Bacastow, Maurie Kelly, David Dibiase, Marty Gutowski, David Walrath, Chris Pfieffer.
- 9/21/98-9/25/98 Federal Geographic Data Committee Conference for CAP award winners. Attendees: Maurie Kelly, Tracey Walrath. Discussed CAP grant in relation to PASDA effort. Did presentation on PASDA and interactive mapping.

- 9/24/98 Meeting with Erie County Planning Commission. Identified available data sets and set up mechanism to acquire and document. Participants: Jeff Gockley, Chris Pfieffer, Brian Barnhizer (Erie Co.), David Skellie (Erie Co.), Eric Randall (Erie Co.).
- 9/29/98 Meeting with WPSX to discuss environment video and 21st Century report. Participants: Todd Bacastow, Maurie Kelly, Caren Glotfelty, Mark Erstling (WPSX), Frank Wilson (WPSX).

9/30/98 Meeting re interactive mapping capabilities. Participants: Todd Bacastow, Maurie Kelly, Jeff Gockley.

- 10/05/98 Meeting. Participants: Don Hoskins, Director PA T&GS, Maurie Kelly, Chris Pfieffer, Jim Mauck (USGS-via phone). Discussed DOQ project and Mr. Sid implementation.
- 10/07/98 Meeting. Participants: Maurie Kelly, Eric Jesperson (PAMAGIC), Jeff Gockley, Dan Haug (Deasy Geographics Lab). Discussed implementation of interactive mapping on PASDA.
- 10/08/98 Interview. Participants: Maurie Kelly, Adam Roger (Newsweek). Discussed PASDA and related projects, PASDA interface and management of data and metadata.
- 10/09/98 Meeting. Participants: Todd Bacastow, David Dibiase, Marty Gutowski, Dan Haug, Maurie Kelly, Chris Pfieffer. Discussed DOQ initiative progress, new PASDA interface, interactive mapping.
- 10/12/98 Meeting. Participants: Maurie Kelly, Marty Gutowski, Chris Pfieffer, Jason Cupp. Discussed DOQ and Mr. Sid initiative and new PASDA interface.
- 10/13/98 Meeting. Participants: Maurie Kelly, Debora Cheney (University Libraries), Chris Avery (University Libraries). Discussed adding additional data to PASDA and the role of the library.
- 10/19/98 Meeting. Participants: Todd Bacastow, Maurie Kelly, Jack Sulzer (Associate Dean, Commonwealth College Libraries). Discussed statewide documentation effort.
- 10/21/98 Meeting. Participants: Todd Bacastow, Maurie Kelly, Fred Loomis (Director of Outreach and Extension PSU), Eric Jesperson, Ron Uroda (PA State Data Center), Chris Pfieffer, Jim Williams (U of Pitt), Ken Sochats (U of Pitt). Discussed U of Pitt Coordination proposal.
- 10/21/98 Presentation to U of Pitt reps on PASDA.
- 10/23/98 Meeting. Participants: Maurie Kelly, Chris Pfieffer. Discussed metadata and progress with new contacts.
- 10/26/98 Meeting. Participants: Maurie Kelly, Helen Olena (Director DEP Env. Ed. Center), Tracey Walrath. Discussed PASDA and initiatives in K-12 education.
- 10/29/98 Meeting. Participants: Maurie Kelly, Eric Jesperson, Jeff Gockley, Dan Haug. Discussed progress in interactive mapping and data contacts.
- 11/05/98 Meeting at West Virginia Geologic and Economic Survey. Participants: Todd Bacastow, Nick Fedorko, Greg Neidig, Margaret Hively, Rod Kelley, Maurie Kelly.

- 11/06/98 Internet 2 Day--Penn State Campus. PASDA was featured as one of the six projects representing the future of the Internet. A special PASDA presentation was held at Deasy Lab for Penn State President Graham Spanier. PASDA demos were also held throughout the day. President Spanier was presented with a PASDA t-shirt via mail.
- 11/6/98-11/8/98 Pennsylvania Alliance for Environmental Education Conference and Exhibit. PASDA (Maurie Kelly) attended the PAEE conference and the PASDA display and literature was featured in the exhibit hall for the conference.
- 11/9/98 Meeting. Participants: Maurie Kelly, Chris Pfeiffer, Jeff Gockley, Dan Haug. Progress meeting for watershed data sets and interface.
- 11/13/98 Meeting. Participants: Todd Bacastow, David Dibiase, Marty Gutowski, Maurie Kelly. Discussed new PASDA organization, structure, interface and data sets. Discussed DOQ project progress.
- 11/13/98 Demo. Demonstration for DCNR represenative Damon Anderson.
- 11/18/98 Meeting. Susquehanna River Basin Commission. Participants: Maurie Kelly, Jeff Gockley, Susan Obleski (SRBC). Discussed watershed data, PASDA, and opportunities for cooperation with SRBC.
- 11/18/98 Meeting. PADEP. Participants: Jason Shenk, Jeff Gockley, Maurie Kelly. Discussed progress of data acquisition and interactive mapping.
- 11/18/98 Meeting. Maurie Kelly attended the GIS Conference Planning meeting.
- 11/18/98 Meeting. Participants: Maurie Kelly, Jeff Gockley, Thomas Whitfield (PA Topo and Geo). Discussed the progress of the DOQ project and acquired additional DOQs.
- 11/24/98 Meeting. Participants: Todd Bacastow, Barry Evans, Richard Brooks (Applied Research Lab Penn State), Maurie Kelly. Discussed NSF grant and PASDA applications.
- 12/02/98 Meeting. Participants: Maurie Kelly, Jeff Gockley, Chris Pfieffer, Keith High (Delaware Water Gap National Recreation Area).   Met to discuss acquiring NPS data and documenting the DWG data for the NPS.
- 12/03/98 Meeting. Participants: Maurie Kelly, Mark McLaughlin (Shaver's Creek Environmental Center). Discussed collaboration with the Environmental Education Center and PASDA.
- 12/03/98 Meeting. Participants: Jeff Gockley, Chris Pfeiffer, Berni Yaccobucci (Juniata Cleanwater Partnership). Recommended GIS startup procedures and data acquisition techniques for the Juniata Cleanwater Partnership. Introduced Berni Yaccobucci to metadata creation, PASDA and other sources of data.
- 12/03/98 Meeting. Participants: Jeff Gockley, Thomas F. Baumgardner (National Weather Service). Met with NWS to discuss data sharing opportunities. Provided them with copies of PASDA promotional materials including Explorer and DEM CD.
- 12/04/98 Meeting. Participants: Todd Bacastow, Chris Pfeiffer, Maurie Kelly. Attended the data sharing meeting with the West Virginia DEP and Geologic Survey.

- 12/08/98 Meeting. Met with DCNR, PFBC, and Game Commission to discuss documenting data sets identified in a survey of the three agencies.
- 12/09/98 Meeting. Participants: Todd Bacastow, Don Hoskins (PA T&GS), Maurie Kelly, David Dibiase, Marty Gutowski. Discussed the progress of the DOQ project and did a demo for Don Hoskins of Mr. Sid and the DOQs online.
- 12/09/98 Presentation. Chris Pfeiffer, metadata specialist, did a presentation for the Delaware Valley Regional Planning Commissions Information Exchange Group. The group consisted of approximately 75 individuals representing state, local, and business interests.
- 12/14/98 Meeting. Participants: Todd Bacastow, Maurie Kelly, Sally Kalin (University Libraries), Jack Sulzer (UL), Judy Hewes (UL), Joey Ezell (UL). Discussed expansion of the metadata effort.
- 12/15/98 Meeting. Participants: Todd Bacastow, Jeff Gockley, Eric Jesperson, Maurie Kelly. Discussed outreach efforts and new PASDA structure.
- 12/15/98 Meeting. Participants: Maurie Kelly, Chris Pfeiffer, Tracey Walrath, Fred Wilson (Huntingdon Middle School). Acquired ten years of data on Muddy Run and Stone Creek taken by the Middle School Environmental Club. Future collaboration with the school was discussed.
- 01/09/99-01/14/99. PA State Farm Show.
- 01/19/99 Meeting. Participants: Jeff Gockley, David Argent (USGS Biological Resources Division), Bob Carline (USGS BRD). Discussed acquiring and sharing biological data.
- 01/20/99 Meeting. Participants: Chris Pfeiffer, Jeff Gockley, Jim Sams (USGS Pittsburgh). Discussed acquiring and providing access to data.
- 01/21/99 Meeting. Participants: Jeff Gockley, Tracey Walrath, Maurie Kelly, Mark McLaughlin (Shaver's Creek), Joe Harding (Penn State Experimental Forest). Discussed obtaining data and collaborating on projects.
- 01/22/99. Meeting. Participants: Maurie Kelly, Don Hoskins, Tom Whitfield. Discussed progress of DOQ project.
- 01/25/99. Meeting. Participants: Chris Pfeiffer, Maurie Kelly. Discussed status of biological metadata.
- 01/26/99 Meeting. Participants: David Argent, Chris Pfeiffer, Maurie Kelly, Jeff Gockley. Worked with fish data and metadata.
- 02/01/99 Meeting. Participants: Maurie Kelly, Chris Pfeiffer, Jeff Gockley, Warren Huff (Delaware River Basin Commission). Acquired data for PASDA.
- 02/02/99 Meeting. Participants: Todd Bacastow, Maurie Kelly, David Dibiase, Marty Gutowski, David Howard. Planning meeting for clearinghouse and Feb 3 meeting.
- 02/03/99 Meeting. Group systems was used to gather input from participants in relation to clearinghouse functions and services.
- 02/04/99-02/05/99. Meeting. PASDA representatives: Maurie Kelly, Chris Pfeiffer, Jeff Gockley. PASDA participated in a multi-agency meeting to discuss data needs.

- 02/09/99 Meeting. Participants: Maurie Kelly, Marty Gutowski, David Howard, Jeff Gockley, Chris Pfeiffer. PASDA staff meeting.
- 02/11/99 Meeting. Participants: Maurie Kelly, Ian Bowles, Jeff Gockley. Discussed data sharing and acquisition progress.
- 02/12/99 Meeting. Participants: Ken Giffhorn, Todd Bacastow, Maurie Kelly. Discussed presentation and clearinghouse issues.
- 02/12/99 Meeting. Participants: Maurie Kelly, Tom Whitfield. Discussed DOQ project process.
- 02/12/99 Meeting. Participants: Maurie Kelly, Jason Shenk. Discussed online mapping and PWS progress.
- 02/16/99 Meeting. Participants: Maurie Kelly, Jason Shenk, Dan Haug, Ian Bowles. Discussed online mapping progress on all projects.
- 02/17/99 Meeting. Participants: Maurie Kelly, Vicki Fong (PSU Public Information). Discussed PASDA press release.
- 02/19/99 Meeting. Todd Bacastow and Maurie Kelly attended GIS Council meeting.
- 02/20/99 Conference. PASDA was an exhibitor at the Keystone Coldwater Conference.
- 03/01/99 Meeting. Participants: Maurie Kelly, Ian Bowles. Met at Earth and Mineral Sciences Library to discuss Mr. Sid project.
- 03/02/99 Meeting. Participants: Maurie Kelly, Chirs Pfeiffer. Met at Penn State University Library to discuss metadata cooperation.
- 03/02/99 Meeting. Participants: Maurie Kelly, David Howard, Marty Gutowski. Met with Deasy Geographics Lab to discuss DOQ progress.
- 03/05/99 Meeting. Participants: Kitty Patterson, Maurie Kelly, Todd Bacastow. Met with Graphics and Design to discuss additional graphics and brochure.
- 03/08/99 Meeting. Participants: Maurie Kelly, Eric Jesperson. Met with PAMAGIC to discuss metadata cooperation and training.
- 03/09/99 Meeting. Participants: Maurie Kelly, Jeff Gockley, Chris Pfeiffer, Marty Gutowski, David Howard. PASDA monthly staff meeting.
- 03/10/99 Meeting. Participants: Chris Pfeiffer, Jeff Gockley, Jay Parrish. Met with Lancaster County to start the metadata process.
- 03/17/99 Meeting. Participants: Maurie Kelly, Richard Brooks. Met with Applied Research Lab to discuss project to developed indexing software for GIS data.
- 03/18/99 Meeting. Participants: Maurie Kelly, Chris Pfeiffer. Met at Library to discuss metadata progress.
- 03/19/99 Meeting. PA Geographic Information Council monthly meeting.
- 03/22/99 Meeting. Participants: Maurie Kelly, Jack Sulzer. Met at Library to discuss enhanced participation of Library.
- 03/24/99 SEDA-COG Presentation. PASDA Attendees: Maurie Kelly, Chris Pfeiffer.
- 03/25/99 Meeting. Participants: Chris Pfeiffer, Richard Stahl. Met with Huntingdon County to begin metadata process.

- 03/30/99 Meeting. Juniata Watershed Public Meeting. PASDA Attendee: Chris Pfeiffer.
- 03/31/99 Meeting. Participants: Maurie Kelly, Eric Jesperson, Marian Hrubovcak, Jim Mays. Met with River Conservation Program to begin process of obtaining data.
- 04/05/99 Submitted information to Carrie Williams Assistant Editor of GEOWorld on PASDA.
- 04/06/99 Meeting. Participants: Maurie Kelly, Chris Pfeiffer, Marty Gutowski, Jeff Gockley, David Howard. Monthly PASDA staff meeting.
- 04/08/99 USGS Presentation at Rachel Carson Building.
- 04/12/99 Presentation. Participants: Kenwood Giffhorn, Todd Bacastow, Chris Pfeiffer, Maurie Kelly. Depository Library Conference, Bethesda, MD.
- 04/15/99 Susquehanna River Basin Commission Sub Basin Workshop. Participants: Jeff Gockley, Maurie Kelly.
- 04/16/99 Meeting. Participants: Jeff Gockley, Dan Haug. Discussed interactive mapping applications and integrating new watershed data.
- 04/21/99 Meeting. Participants: Todd Bacastow, Maurie Kelly, Kathi Beratran, Will Hartwell, Louise Comfort. Discussed cooperation opportunities with University of Pittsburgh.
- 04/23/99 Meeting via phone. Allegheny County Department of Health.
- 04/26/99 Meeting. Participants: Maurie Kelly, Alan Sior (DCNR).
- 04/29/99 Meeting. Participants: Maurie Kelly, Chris Pfeiffer, David Howard, Jeff Gockley. Discussed upcoming conference and status of projects.
- 04/30/99 Documentation Trip. Participants: Chris Pfeiffer, Chris Rearick. Documented Murraysville data.
- 04/30/99 PA Geographic Information Council Meeting.

Appendix A: Guestbook

Appendix B: Statistics

July 1998
General Summary

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Successful requests: 76,373
Average successful requests per day: 2,836
Successful requests for pages: 4,823
Average successful requests for pages per day: 179
Failed requests: 597
Redirected requests: 1,034
Distinct files requested: 4,188
Distinct hosts served: 1,363
Unwanted logfile entries: 13,376
Data transferred: 1,056 Mbytes
Average data transferred per day: 40,168 kbytes

Monthly Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Each unit (+) represents 150 requests for pages, or part thereof.

   month: pages:
--------: -----:
Jul 1998: 4823: +++++++++++++++++++++++++++++++++

Busiest month: Jul 1998 (4,823 requests for pages).

Domain Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Listing domains, sorted by the amount of traffic.

```
#reqs: %bytes: domain
-----: ------: ------
22523: 39.81%: .com (Commercial)
12945: 20.94%: .net (Network)
12671: 14.16%: [unresolved numerical addresses]
13963: 10.71%: .edu (USA Educational)
 8789:  9.87%: .gov (USA Government)
 1424:  1.47%: .us (United States)
 1515:  1.05%: .org (Non-Profit Making Organisations)
  522:  0.74%: .mil (USA Military)
  240:  0.62%: .uk (United Kingdom)
  272:  0.13%: .ca (Canada)
  176:  0.12%: .au (Australia)
  141:  0.06%: .se (Sweden)
  131:  0.06%: .it (Italy)
  206:  0.06%: .fr (France)
  208:  0.05%: .dk (Denmark)
   58:  0.02%: .hr (Croatia)
   70:  0.02%: .de (Germany)
   41:  0.02%: .tr (Turkey)
   47:  0.01%: .arpa (Old style Arpanet)
  100:  0.01%: .nl (Netherlands)
   67:  0.01%: .ro (Romania)
   17:  0.01%: .br (Brazil)
   56:  0.01%: .my (Malaysia)
   49:  0.01%: .be (Belgium)
   31:  0.01%: .hu (Hungary)
   15:       : .bm (Bermuda)
   15:       : .kr (South Korea)
   15:       : .th (Thailand)
   14:       : .bs (Bahamas)
    2:       : .ph (Philippines)
   34:       : .no (Norway)
    8:       : .jp (Japan)
    1:       : .at (Austria)
    5:       : .es (Spain)
    2:       : .pt (Portugal)
```

August 1998
General Summary

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:

Request Report)

Successful requests: 114,450
Average successful requests per day: 3,700
Successful requests for pages: 7,132
Average successful requests for pages per day: 230
Failed requests: 863
Redirected requests: 1,375
Distinct files requested: 5,751
Distinct hosts served: 2,014
Unwanted logfile entries: 17,948
Data transferred: 1,895 Mbytes
Average data transferred per day: 62,764 kbytes

Monthly Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Each unit (+) represents 150 requests for pages, or part thereof.

  month: pages:
--------: -----:
Jul 1998:   190: ++
Aug 1998: 6942: +++

Busiest month: Aug 1998 (6,942 requests for pages).

Domain Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Listing domains, sorted by the amount of traffic.

#reqs: %bytes: domain
-----: ------: ------
12370: 31.33%: .gov (USA Government)
31317: 25.49%: .com (Commercial)
24943: 16.43%: .net (Network)

21148: 12.87%: [unresolved numerical addresses]
17811: 9.23%: .edu (USA Educational)
 1838: 2.14%: .org (Non-Profit Making Organisations)
 1565: 0.95%: .us (United States)
  996: 0.82%: .ca (Canada)
  901: 0.25%: .mil (USA Military)
   82: 0.20%: .nl (Netherlands)
  276: 0.08%: .uk (United Kingdom)
  143: 0.05%: .de (Germany)
  109: 0.03%: .jp (Japan)
  173: 0.02%: .au (Australia)
   84: 0.02%: .es (Spain)
   61: 0.01%: .no (Norway)
   61: 0.01%: .br (Brazil)
   57: 0.01%: .hk (Hong Kong)
  139: 0.01%: .ch (Switzerland)
   53: 0.01%: .dk (Denmark)
   69: 0.01%: .se (Sweden)
   55:      : .tw (Taiwan)
   56:      : .be (Belgium)
   31:      : .fi (Finland)
   35:      : .ua (Ukraine)
   24:      : .arpa (Old style Arpanet)
   18:      : .it (Italy)
   15:      : .il (Israel)
    8:      : .cr (Costa Rica)
    2:      : .fr (France)
   10:      : .ie (Ireland)

September 1998
General Summary

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Successful requests: 119,243
Average successful requests per day: 3,977
Successful requests for pages: 7,279
Average successful requests for pages per day: 242
Failed requests: 951
Redirected requests: 1,429
Distinct files requested: 5,995
Distinct hosts served: 2,135
Unwanted logfile entries: 22,028

Data transferred: 1,683 Mbytes
Average data transferred per day: 57,510 kbytes

Monthly Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Each unit (+) represents 150 requests for pages, or part thereof.

   month: pages:
--------: -----:
Aug 1998:   278: ++
Sep 1998: 7001: +++

Busiest month: Sep 1998 (7,001 requests for pages).

Domain Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Listing domains, sorted by the amount of traffic.

#reqs: %bytes: domain
-----: ------: ------
30503: 30.36%: .com (Commercial)
30157: 27.60%: .edu (USA Educational)
23714: 18.30%: .net (Network)
17605: 12.52%: [unresolved numerical addresses]
 9998: 5.33%: .gov (USA Government)
 1384: 1.75%: .mil (USA Military)
 1194: 1.48%: .us (United States)
  888: 0.64%: .ca (Canada)
  274: 0.61%: .uk (United Kingdom)
 2111: 0.59%: .org (Non-Profit Making Organisations)
  135: 0.31%: .es (Spain)
  189: 0.19%: .de (Germany)
  198: 0.08%: .nz (New Zealand)
   89: 0.07%: .br (Brazil)

```
179:  0.06%: .th (Thailand)
 30:  0.02%: .arpa (Old style Arpanet)
 41:  0.02%: .se (Sweden)
 48:  0.02%: .ch (Switzerland)
 91:  0.01%: .au (Australia)
 86:  0.01%: .nl (Netherlands)
 60:  0.01%: .at (Austria)
 93:  0.01%: .no (Norway)
 34:  0.01%: .id (Indonesia)
 54:       : .my (Malaysia)
 25:       : .be (Belgium)
 22:       : .jp (Japan)
 15:       : .fr (France)
 21:       : .cz (Czech Republic)
  2:       : .it (Italy)
  1:       : .ie (Ireland)
  1:       : .hk (Hong Kong)
  1:       : .kr (South Korea)
```

October 1998
General Summary

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Successful requests: 125,811
Average successful requests per day: 4,062
Successful requests for pages: 7,898
Average successful requests for pages per day: 254
Failed requests: 1,047
Redirected requests: 1,358
Distinct files requested: 6,526
Distinct hosts served: 2,623
Corrupt logfile lines: 81
Unwanted logfile entries: 29,349
Data transferred: 1,121 Mbytes
Average data transferred per day: 37,091 kbytes

Monthly Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Each unit (+) represents 200 requests for pages, or part thereof.

   month: pages:
--------: -----:
Sep 1998:   293: ++
Oct 1998: 7605: +++++++++++++++++++++++++++++++++++++++

Busiest month: Oct 1998 (7,605 requests for pages).

Domain Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Listing domains, sorted by the amount of traffic.

#reqs: %bytes: domain
-----: ------: ------
32152: 29.29%: .com (Commercial)
30173: 26.68%: .net (Network)
27846: 18.03%: .edu (USA Educational)
16302: 13.68%: [unresolved numerical addresses]
12266: 7.72%: .gov (USA Government)
 1670: 1.66%: .mil (USA Military)
 1176: 0.70%: .us (United States)
  860: 0.43%: .org (Non-Profit Making Organisations)
  630: 0.33%: .ca (Canada)
  275: 0.31%: .au (Australia)
  369: 0.19%: .de (Germany)
  130: 0.13%: .kr (South Korea)
  197: 0.12%: .ch (Switzerland)
  192: 0.12%: .it (Italy)
  202: 0.10%: .se (Sweden)
  186: 0.10%: .uk (United Kingdom)
  162: 0.06%: .jp (Japan)
   96: 0.06%: .cz (Czech Republic)
  156: 0.05%: .nl (Netherlands)
  174: 0.05%: .fr (France)
   69: 0.03%: .br (Brazil)
  140: 0.03%: .ie (Ireland)
   58: 0.03%: .il (Israel)

```
 54:  0.03%: .ru (Russia)
 42:  0.01%: .gr (Greece)
 20:  0.01%: .nz (New Zealand)
 10:  0.01%: .bm (Bermuda)
  6:  0.01%: .pt (Portugal)
  6:  0.01%: .in (India)
 12:  0.01%: .sl (Sierra Leone)
 45:  0.01%: .ee (Estonia)
 35:      : .is (Iceland)
 12:      : .cn (China)
 12:      : .es (Spain)
 12:      : .za (South Africa)
 13:      : .int (International)
 13:      : .mx (Mexico)
 10:      : .hr (Croatia)
  2:      : .my (Malaysia)
 20:      : .ar (Argentina)
  2:      : .tw (Taiwan)
  4:      : .dk (Denmark)
```

November 1998
General Summary

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Successful requests: 116,175
Average successful requests per day: 3,896
Successful requests for pages: 6,953
Average successful requests for pages per day: 233
Failed requests: 1,182
Redirected requests: 1,156
Distinct files requested: 6,588
Distinct hosts served: 2,389
Corrupt logfile lines: 2
Unwanted logfile entries: 25,277
Data transferred: 892,297 kbytes
Average data transferred per day: 29,928 kbytes

Monthly Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:

Request Report)

Each unit (+) represents 150 requests for pages, or part thereof.

    month: pages:
--------: -----:
Oct 1998:   87: +
Nov 1998: 6866: ++

Busiest month: Nov 1998 (6,866 requests for pages).

Domain Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Listing domains, sorted by the amount of traffic.

#reqs: %bytes: domain
-----: ------: ------
26897: 28.05%: .edu (USA Educational)
26979: 24.96%: .com (Commercial)
31450: 24.51%: .net (Network)
16674: 11.83%: [unresolved numerical addresses]
 7064: 4.95%: .gov (USA Government)
 2330: 1.83%: .org (Non-Profit Making Organisations)
 1078: 1.64%: .mil (USA Military)
 1260: 0.81%: .us (United States)
  583: 0.29%: .uk (United Kingdom)
  407: 0.21%: .ca (Canada)
  182: 0.18%: .ch (Switzerland)
  289: 0.15%: .au (Australia)
   87: 0.10%: .se (Sweden)
   96: 0.08%: .gr (Greece)
   53: 0.06%: .ie (Ireland)
   80: 0.05%: .fr (France)
   87: 0.04%: .de (Germany)
   34: 0.04%: .th (Thailand)
   70: 0.03%: .kr (South Korea)
   57: 0.03%: .jp (Japan)
   58: 0.03%: .hk (Hong Kong)
   87: 0.03%: .be (Belgium)

```
60:  0.02%: .ru (Russia)
40:  0.02%: .nl (Netherlands)
49:  0.01%: .za (South Africa)
18:  0.01%: .br (Brazil)
23:  0.01%: .na (Namibia)
13:  0.01%: .tt (Trinidad and Tobago)
13:  0.01%: .pt (Portugal)
13:  0.01%: .id (Indonesia)
10:      : .pl (Poland)
20:      : .fi (Finland)
 4:      : .no (Norway)
 2:      : .sk (Slovak Republic)
 2:      : .il (Israel)
 1:      : .dk (Denmark)
 2:      : .in (India)
 2:      : .it (Italy)
 1:      : .cn (China)
```

December 1998
General Summary

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Successful requests: 113,888
Average successful requests per day: 4,409
Successful requests for pages: 6,193
Average successful requests for pages per day: 239
Failed requests: 1,193
Redirected requests: 1,055
Distinct files requested: 9,016
Distinct hosts served: 2,214
Unwanted logfile entries: 15,149
Data transferred: 839,495 kbytes
Average data transferred per day: 32,502 kbytes

Monthly Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Each unit (+) represents 150 requests for pages, or part thereof.

   month: pages:
--------: -----:
Dec 1998: 6193: ++

Busiest month: Dec 1998 (6,193 requests for pages).

Domain Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Listing domains, sorted by the amount of traffic.

#reqs: %bytes: domain
-----: ------: ------
37263: 35.30%: .com (Commercial)
34584: 28.80%: .net (Network)
14831: 12.41%: .edu (USA Educational)
13943: 11.19%: [unresolved numerical addresses]
 7349: 7.42%: .gov (USA Government)
 1999: 1.50%: .org (Non-Profit Making Organisations)
 1049: 1.08%: .us (United States)
  891: 0.91%: .mil (USA Military)
  342: 0.24%: .ca (Canada)
  201: 0.23%: .fr (France)
  348: 0.14%: .uk (United Kingdom)
  111: 0.08%: .au (Australia)
   43: 0.07%: .cz (Czech Republic)
   77: 0.07%: .se (Sweden)
   64: 0.07%: .be (Belgium)
   69: 0.06%: .jp (Japan)
   54: 0.06%: .kr (South Korea)
  116: 0.06%: .br (Brazil)
   50: 0.06%: .ch (Switzerland)
   86: 0.05%: .nz (New Zealand)
   70: 0.04%: .it (Italy)
   37: 0.04%: .at (Austria)
   66: 0.02%: .ae (United Arab Emirates)
   73: 0.02%: .de (Germany)
   33: 0.02%: .hu (Hungary)

58: 0.02%: .no (Norway)
 6: 0.01%: .dk (Denmark)
15: 0.01%: .il (Israel)
13: 0.01%: .lv (Latvia)
12:       : .ru (Russia)
10:       : .nl (Netherlands)
 7:       : .fi (Finland)
 5:       : .pt (Portugal)
 6:       : .es (Spain)
 2:       : .ua (Ukraine)
 3:       : .sg (Singapore)
 1:       : .th (Thailand)
 1:       : .ie (Ireland)

January 1999
General Summary

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Successful requests: 163,537
Average successful requests per day: 5,847
Successful requests for pages: 9,717
Average successful requests for pages per day: 347
Failed requests: 1,034
Redirected requests: 1,657
Distinct files requested: 10,331
Distinct hosts served: 3,092
Corrupt logfile lines: 11
Unwanted logfile entries: 20,964
Data transferred: 1,231 Mbytes
Average data transferred per day: 45,101 kbytes

Monthly Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Each unit (+) represents 250 requests for pages, or part thereof.

  month: pages:

--------: -----:

Jan 1999: 9717: ++

Busiest month: Jan 1999 (9,717 requests for pages).

Domain Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Listing domains, sorted by the amount of traffic.

#reqs: %bytes: domain
-----: ------: ------
46013: 30.03%: .com (Commercial)
47449: 28.87%: .net (Network)
24939: 13.53%: .edu (USA Educational)
16791: 11.56%: .gov (USA Government)
19588: 10.59%: [unresolved numerical addresses]
 2252: 1.62%: .us (United States)
 1863: 1.17%: .mil (USA Military)
 1541: 0.88%: .org (Non-Profit Making Organisations)
  340: 0.25%: .au (Australia)
  334: 0.25%: .de (Germany)
  346: 0.23%: .ca (Canada)
  406: 0.14%: .uk (United Kingdom)
  185: 0.13%: .fr (France)
   95: 0.13%: .br (Brazil)
  353: 0.11%: .it (Italy)
   63: 0.09%: .dk (Denmark)
  170: 0.08%: .nl (Netherlands)
  110: 0.05%: .arpa (Old style Arpanet)
   33: 0.05%: .fi (Finland)
   80: 0.03%: .be (Belgium)
   41: 0.03%: .fo (Faroe Islands)
   89: 0.03%: .se (Sweden)
   52: 0.02%: .ru (Russia)
   51: 0.02%: .es (Spain)
   59: 0.02%: .uy (Uruguay)
   27: 0.02%: .at (Austria)
   30: 0.01%: .my (Malaysia)
   21: 0.01%: .ar (Argentina)

50: 0.01%: .ie (Ireland)
    13: 0.01%: .sg (Singapore)
    45: 0.01%: .yu (Yugoslavia)
    51: 0.01%: .no (Norway)
    41:      : .ch (Switzerland)
    10:      : .kr (South Korea)
     1:      : .gr (Greece)
     2:      : .tr (Turkey)
     3:      : .jp (Japan)

February 1999
General Summary

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Successful requests: 1,632
Average successful requests per day: 60
Successful requests for pages: 390
Average successful requests for pages per day: 14
Failed requests: 70
Redirected requests: 2
Distinct files requested: 192
Distinct hosts served: 68
Unwanted logfile entries: 3,545
Data transferred: 12,330 kbytes
Average data transferred per day: 467,522 bytes

Monthly Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Each unit (+) represents 10 requests for pages, or part thereof.

   month: pages:
--------: -----:
Feb 1999:   390: +++++++++++++++++++++++++++++++++++++++

Busiest month: Feb 1999 (390 requests for pages).

Domain Report

Listing domains, sorted by the amount of traffic.

#reqs: %bytes: domain
-----: ------: ------
 1247: 72.67%: .edu (USA Educational)
  137: 9.65%: .com (Commercial)
  138: 9.06%: [unresolved numerical addresses]
   80: 6.56%: .net (Network)
   18: 1.41%: .gov (USA Government)
    4: 0.42%: .us (United States)
    7: 0.18%: .no (Norway)
    1: 0.04%: .org (Non-Profit Making Organisations)

Host Report

Listing hosts with at least 1 request, sorted by the number of requests.

#reqs: %reqs: pages: %pages: host
-----: ------: -----: ------: ----
  311: 19.06%:   83: 21.28%: aiwq.erri.psu.edu
  171: 10.48%:   39: 10.00%: n1-17-3.dhcp.drexel.edu
  122: 7.48%:   24: 6.15%: clc238.psscan.psu.edu
  122: 7.48%:   22: 5.64%: eaton.libraries.psu.edu
  107: 6.56%:   21: 5.38%: 128.118.207.2
   84: 5.15%:   24: 6.15%: forum-125.cac-labs.psu.edu
   71: 4.35%:   14: 3.59%: nb12ppp116.cac.psu.edu
   53: 3.25%:   15: 3.85%: clc230.psscan.psu.edu
   44: 2.70%:   6: 1.54%: gateway.apollotrust.com
   39: 2.39%:   20: 5.13%: eec6.pa-x.dec.com
   37: 2.27%:   7: 1.79%: day.lcspub.psu.edu
   32: 1.96%:   8: 2.05%: 1cust82.tnt1.pittsburgh.pa.da.uu.net

```
31: 1.90%:    8: 2.05%: pc139.erri.psu.edu
30: 1.84%:    8: 2.05%: tnt2-184-61.cac.psu.edu
27: 1.65%:    6: 1.54%: tnt2-184-59.cac.psu.edu
25: 1.53%:    2: 0.51%: tnt1-145-207.cac.psu.edu
25: 1.53%:    5: 1.28%: lab174.psscan.psu.edu
21: 1.29%:    4: 1.03%: waring-145.cac-labs.psu.edu
18: 1.10%:    4: 1.03%: gatekeeper.pader.gov
18: 1.10%:    4: 1.03%: nb16ppp125.cac.psu.edu
14: 0.86%:    3: 0.77%: c1-85.pm4-2.lancaster.desupernet.net
14: 0.86%:    3: 0.77%: tnt2-184-175.cac.psu.edu
14: 0.86%:   12: 3.08%: shcom-gw.sovereign-hill.com
12: 0.74%:    0:      : orser17.erri.psu.edu
12: 0.74%:    2: 0.51%: orser23.erri.psu.edu
12: 0.74%:    2: 0.51%: parrot.la.psu.edu
11: 0.67%:    3: 0.77%: stanhope.libraries.psu.edu
11: 0.67%:    2: 0.51%: 98cb4cc3.ipt.aol.com
11: 0.67%:    1: 0.26%: pollockmega-mac23.cac-labs.psu.edu
10: 0.61%:    2: 0.51%: slip166-72-171-48.pa.us.ibm.net
 8: 0.49%:    2: 0.51%: bk79.key-net.net
 7: 0.43%:    2: 0.51%: strager.caf.wvu.edu
 7: 0.43%:    1: 0.26%: nb8ppp121.cac.psu.edu
 7: 0.43%:    1: 0.26%: 165.230.16.70
 7: 0.43%:    6: 1.54%: spider.fast.no
 5: 0.31%:    3: 0.77%: uriel.nso.psu.edu
 5: 0.31%:    1: 0.26%: dns.cadtrax.com
 4: 0.25%:    1: 0.26%: client-151-197-126-205.bellatlantic.net
 4: 0.25%:    1: 0.26%: 208.198.182.1
 4: 0.25%:    1: 0.26%: 209-122-209-170.s170.tnt3.ftw.pa.dialup.rcn.com
 4: 0.25%:    1: 0.26%: 207-172-61-56.s56.tnt1.rcm.va.dialup.rcn.com
 4: 0.25%:    1: 0.26%: lancco129.co.lancaster.pa.us
 4: 0.25%:    1: 0.26%: 205.188.154.8
 4: 0.25%:    0:      : orser15.erri.psu.edu
 4: 0.25%:    1: 0.26%: mail.emainc.com
 4: 0.25%:    1: 0.26%: 208.199.79.124
 4: 0.25%:    1: 0.26%: 38.220.40.196
 4: 0.25%:    1: 0.26%: bngr216-37-173ppp109.epix.net
 4: 0.25%:    1: 0.26%: chaos4.met.psu.edu
 4: 0.25%:    1: 0.26%: du36057.mlf.ptd.net
 4: 0.25%:    1: 0.26%: port5-5.lancaster.desupernet.net
 2: 0.12%:    0:      : cache-dd09.proxy.aol.com
 2: 0.12%:    0:      : cache-dd08.proxy.aol.com
 2: 0.12%:    1: 0.26%: cache-dd13.proxy.aol.com
 2: 0.12%:    0:      : cache-dd12.proxy.aol.com
 1: 0.06%:    0:      : 205.188.154.7
 1: 0.06%:    0:      : 205.188.154.2
 1: 0.06%:    1: 0.26%: 209.185.143.46
```

1: 0.06%:   1: 0.26%: trfn.clpgh.org
1: 0.06%:   0:   : cache-dd02.proxy.aol.com
1: 0.06%:   0:   : cache-dd07.proxy.aol.com
1: 0.06%:   0:   : 205.188.154.136
1: 0.06%:   0:   : 205.188.154.135
1: 0.06%:   0:   : 205.188.154.66
1: 0.06%:   1: 0.26%: 205.188.154.65
1: 0.06%:   1: 0.26%: c4.googlebot.com
1: 0.06%:   1: 0.26%: 208.131.195.27
1: 0.06%:   1: 0.26%: www.tributaries.com

March 1999
General Summary

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Successful requests: 72,566
Average successful requests per day: 2,365
Successful requests for pages: 11,220
Average successful requests for pages per day: 365
Failed requests: 4,311
Redirected requests: 72
Distinct files requested: 7,768
Distinct hosts served: 2,781
Corrupt logfile lines: 2
Unwanted logfile entries: 46,652
Data transferred: 583,615 kbytes
Average data transferred per day: 19,023 kbytes

Monthly Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Each unit (+) represents 250 requests for pages, or part thereof.

  month: pages:
--------: -----:
Mar 1999: 11220: ++

Busiest month: Mar 1999 (11,220 requests for pages).

Domain Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Listing domains, sorted by the amount of traffic.

#reqs: %bytes: domain
-----: ------: ------
15577: 23.13%: .net (Network)
16701: 22.33%: .edu (USA Educational)
17303: 20.16%: [unresolved numerical addresses]
13044: 18.15%: .com (Commercial)
 6982: 11.14%: .gov (USA Government)
  477: 1.41%: .ca (Canada)
  900: 1.39%: .org (Non-Profit Making Organisations)
  463: 0.65%: .us (United States)
  193: 0.26%: .mil (USA Military)
   66: 0.25%: .no (Norway)
  132: 0.22%: [domain not given]
   71: 0.10%: .it (Italy)
   45: 0.06%: .au (Australia)
   44: 0.06%: .fr (France)
   44: 0.06%: .nl (Netherlands)
   29: 0.05%: .fi (Finland)
   50: 0.05%: .de (Germany)
   40: 0.05%: .ch (Switzerland)
   37: 0.04%: .se (Sweden)
   37: 0.04%: .jp (Japan)
   34: 0.04%: .uk (United Kingdom)
   25: 0.04%: .br (Brazil)
   25: 0.03%: .th (Thailand)
   35: 0.03%: .tw (Taiwan)
   16: 0.03%: .pl (Poland)
   17: 0.03%: .at (Austria)
   19: 0.03%: .cz (Czech Republic)
   19: 0.02%: .be (Belgium)
   21: 0.02%: .mx (Mexico)
   12: 0.02%: .nz (New Zealand)
   11: 0.02%: .ro (Romania)
    9: 0.01%: .es (Spain)

```
 9:  0.01%: .za (South Africa)
16:  0.01%: .hk (Hong Kong)
 8:  0.01%: .my (Malaysia)
 8:  0.01%: .arpa (Old style Arpanet)
 8:  0.01%: .ru (Russia)
 8:  0.01%: .lb (Lebanon)
21:  0.01%: .kr (South Korea)
 8:  0.01%: .co (Colombia)
 1:      : .il (Israel)
 1:      : .uy (Uruguay)
```

April 1999
General Summary

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Successful requests: 190,237
Average successful requests per day: 1,259
Successful requests for pages: 35,421
Average successful requests for pages per day: 234
Failed requests: 8,736
Redirected requests: 953
Distinct files requested: 18,046
Distinct hosts served: 8,499
Corrupt logfile lines: 4
Unwanted logfile entries: 102,625
Data transferred: 1,757 Mbytes
Average data transferred per day: 11,921 kbytes

Monthly Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Each unit (+) represents 300 requests for pages, or part thereof.

```
  month: pages:
--------: -----:
Dec 1998: 12086: +++++++++++++++++++++++++++++++++++++++++++
```

Jan 1999:   103: +
Feb 1999:   390: ++
Mar 1999: 11220: +++
Apr 1999: 11622: +++

Busiest month: Dec 1998 (12,086 requests for pages).

Domain Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Listing domains, sorted by the amount of traffic.

#reqs: %bytes: domain
-----: ------: ------
53456: 30.65%: .edu (USA Educational)
47800: 22.07%: [unresolved numerical addresses]
32677: 16.27%: .net (Network)
31300: 16.11%: .com (Commercial)
14232: 7.74%: .gov (USA Government)
 2056: 0.99%: .org (Non-Profit Making Organisations)
  375: 0.87%: .jp (Japan)
  886: 0.82%: .mil (USA Military)
 1151: 0.77%: .ca (Canada)
 1484: 0.75%: .us (United States)
  179: 0.44%: .nl (Netherlands)
  319: 0.40%: .kr (South Korea)
  101: 0.24%: .arpa (Old style Arpanet)
  323: 0.15%: .de (Germany)
  467: 0.14%: .tw (Taiwan)
  161: 0.14%: .no (Norway)
   26: 0.13%: .ae (United Arab Emirates)
  227: 0.11%: .uk (United Kingdom)
  264: 0.10%: [domain not given]
  205: 0.09%: .sg (Singapore)
  157: 0.07%: .au (Australia)
  207: 0.07%: .tr (Turkey)
  196: 0.07%: .fr (France)
  123: 0.06%: .ch (Switzerland)
   92: 0.06%: .pt (Portugal)
  126: 0.05%: .it (Italy)
   91: 0.05%: .nz (New Zealand)

```
138:  0.05%: .in (India)
 93:  0.04%: .se (Sweden)
 76:  0.04%: .br (Brazil)
 89:  0.03%: .th (Thailand)
 63:  0.03%: .my (Malaysia)
 46:  0.03%: .za (South Africa)
 46:  0.03%: .at (Austria)
 88:  0.03%: .fi (Finland)
 73:  0.03%: .es (Spain)
 70:  0.03%: .mx (Mexico)
 60:  0.03%: .be (Belgium)
 83:  0.02%: .hk (Hong Kong)
 78:  0.02%: .ru (Russia)
 14:  0.02%: .jo (Jordan)
 23:  0.01%: .bw (Botswana)
 37:  0.01%: .gr (Greece)
 42:  0.01%: .ph (Philippines)
 35:  0.01%: .il (Israel)
 27:  0.01%: .cz (Czech Republic)
 20:  0.01%: .ro (Romania)
 16:  0.01%: .pl (Poland)
 16:  0.01%: .hr (Croatia)
 22:  0.01%: .hu (Hungary)
 21:  0.01%: .ke (Kenya)
 18:  0.01%: .na (Namibia)
 24:  0.01%: .sa (Saudi Arabia)
 24:  0.01%: .id (Indonesia)
 31:  0.01%: .co (Colombia)
 16:  0.01%: .tt (Trinidad and Tobago)
 25:  0.01%: .cn (China)
 12:  0.01%: .bn (Brunei Darussalam)
 18:  0.01%: .yu (Yugoslavia)
 27:  0.01%: .bh (Bahrain)
 13:  0.01%: .pe (Peru)
  9:       : .bo (Bolivia)
 11:       : .md (Moldavia)
  9:       : .is (Iceland)
  8:       : .lb (Lebanon)
  7:       : .by (Belarus)
  7:       : .dk (Denmark)
 10:       : .bg (Bulgaria)
  6:       : .ie (Ireland)
  2:       : .cl (Chile)
  1:       : .uy (Uruguay)
  1:       : .gy (Guyana)
  1:       : .ve (Venezuela)
```

May 1999
General Summary

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Successful requests: 53,254
Average successful requests per day: 1,717
Successful requests for pages: 10,974
Average successful requests for pages per day: 353
Failed requests: 2,998
Redirected requests: 108
Distinct files requested: 2,799
Distinct hosts served: 2,243
Corrupt logfile lines: 4
Unwanted logfile entries: 60,627
Data transferred: 434,342 kbytes
Average data transferred per day: 14,011 kbytes

Monthly Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Each unit (+) represents 250 requests for pages, or part thereof.

   month: pages:
--------: -----:
May 1999: 10970: +++
Jun 1999:   4: +

Busiest month: May 1999 (10,970 requests for pages).

Domain Report

(Go To: Top: General Summary: Monthly Report: Domain Report: Host Report:
Directory Report: Status Code Report:
Request Report)

Listing domains, sorted by the amount of traffic.

#reqs: %bytes: domain

-----: ------: ------

12253: 23.23%: .net (Network)
12103: 22.97%: .com (Commercial)
11314: 20.05%: .edu (USA Educational)
 9529: 16.90%: [unresolved numerical addresses]
 5165: 11.32%: .gov (USA Government)
  708: 1.52%: .us (United States)
  776: 1.26%: .org (Non-Profit Making Organisations)
  314: 0.53%: .mil (USA Military)
  190: 0.36%: .ca (Canada)
  123: 0.35%: .nl (Netherlands)
   94: 0.17%: .uk (United Kingdom)
   67: 0.17%: .se (Sweden)
   86: 0.16%: [domain not given]
   78: 0.16%: .au (Australia)
   41: 0.13%: .es (Spain)
   69: 0.10%: .jp (Japan)
   59: 0.09%: .it (Italy)
   31: 0.08%: .gr (Greece)
   30: 0.06%: .no (Norway)
   23: 0.05%: .arpa (Old style Arpanet)
   16: 0.04%: .sg (Singapore)
   27: 0.04%: .de (Germany)
   21: 0.04%: .at (Austria)
   19: 0.04%: .dk (Denmark)
   12: 0.03%: .pl (Poland)
   10: 0.02%: .my (Malaysia)
   12: 0.02%: .fr (France)
   12: 0.02%: .mx (Mexico)
    8: 0.01%: .ch (Switzerland)
    8: 0.01%: .ee (Estonia)
    8: 0.01%: .nz (New Zealand)
    8: 0.01%: .ru (Russia)
    8: 0.01%: .be (Belgium)
   18: 0.01%: .om (Oman)
    8: 0.01%: .fi (Finland)
    6:       : .id (Indonesia)

June 1999
General Summary

(Figures in parentheses refer to the last 7 days).
Successful requests: 58,408 (7,557)
Average successful requests per day: 1,950 (1,079)
Successful requests for pages: 12,428 (1,613)
Average successful requests for pages per day: 414 (230)
Failed requests: 2,203 (251)
Redirected requests: 58 (7)
Distinct files requested: 3,018 (583)
Distinct hosts served: 2,345 (413)
Unwanted logfile entries: 40,811
Data transferred: 504,181 kbytes (66,241 kbytes)
Average data transferred per day: 16,835 kbytes (9,463 kbytes)

Monthly Report

Each unit (+) represents 300 requests for pages, or part thereof.

  month: pages:
--------: -----:
Jun 1999: 12428: +++

Busiest month: Jun 1999 (12,428 requests for pages).

Domain Report

Listing domains, sorted by the amount of traffic.

#reqs: %bytes: domain
-----: ------: ------
12438: 22.09%: .com (Commercial)

11574: 20.69%: .net (Network)
 9581: 17.67%: .gov (USA Government)
11959: 17.57%: .edu (USA Educational)
 9645: 16.64%: [unresolved numerical addresses]
  939: 1.43%: .org (Non-Profit Making Organisations)
  834: 1.42%: .us (United States)
  282: 0.46%: .ca (Canada)
  151: 0.24%: .mil (USA Military)
  108: 0.20%: .de (Germany)
  130: 0.19%: .fr (France)
   53: 0.16%: .jp (Japan)
   72: 0.14%: [domain not given]
   64: 0.13%: .uk (United Kingdom)
   26: 0.09%: .is (Iceland)
   25: 0.09%: .sg (Singapore)
   41: 0.06%: .nl (Netherlands)
   26: 0.06%: .it (Italy)
   27: 0.06%: .arpa (Old style Arpanet)
   33: 0.06%: .no (Norway)
   27: 0.05%: .kr (South Korea)
   37: 0.05%: .nz (New Zealand)
   21: 0.04%: .se (Sweden)
   26: 0.04%: .mx (Mexico)
   20: 0.03%: .za (South Africa)
   28: 0.03%: .es (Spain)
   15: 0.03%: .dk (Denmark)
   26: 0.03%: .au (Australia)
   12: 0.03%: .bg (Bulgaria)
   17: 0.02%: .fi (Finland)
   16: 0.02%: .ar (Argentina)
   16: 0.02%: .my (Malaysia)
   16: 0.02%: .at (Austria)
   12: 0.02%: .sv (El Salvador)
   14: 0.02%: .br (Brazil)
   10: 0.01%: .ch (Switzerland)
   10: 0.01%: .cz (Czech Republic)
    8: 0.01%: .ie (Ireland)
    8: 0.01%: .pl (Poland)
    6: 0.01%: .tw (Taiwan)
   10: 0.01%: .sk (Slovak Republic)
    6: 0.01%: .cn (China)
    6: 0.01%: .ke (Kenya)
   13: 0.01%: .cl (Chile)
    4:       : .pt (Portugal)
    8:       : .gr (Greece)
    1:       : .ru (Russia)

5:       : .ua (Ukraine)
        1:       : .hr (Croatia)
        1:       : .do (Dominican Republic)

Appendix C: Sample Questions

Appendix D: PASDA Recognition

Pennsylvania Site of the month

Business Geographics

GeoWorld