Harnessing the Web: 
The MINERVA Program at the Library of Congress

Diane Kresh
25 March 2003
RLG-JISC Joint Symposium: 
Selection and Collaboration in Digital Preservation
Topics of Discussion

- Why MINERVA
- Our partners
- Examples
- The technical challenges
- Feedback
What is MINERVA?

- About MINERVA

Collections

- Election 2002 Web Archive (Jul 1, 2002 - Nov 30, 2002)
- September 11, 2001 (Sept 11, 2001 - Dec 1, 2001)
- Election 2000 (Aug 1, 2000 - Jan 21, 2001)
- Prototype (Library of Congress staff access only)

Coming Soon ...

- Winter Olympics 2002 (Feb 8, 2002 - Feb 24, 2002)
- September 11th Remembrance (Sept 11-18, 2002)
- The 107th Congress (Dec 2002)

Papers, Articles & Reports

- Collecting and Preserving the Web: The Minerva Prototype (RLG DigiNews)
- Report to the Library (William Y. Arms, Cornell Univ.)
  - Intern Report (PDF: 217K / 32 pages)
  - Final Report (PDF: 169K / 20 pages)
- Download Acrobat Reader (for PDF files)

Presentations

- MINERVA, Today's Web for Tomorrow's Generation, the 2002 ALA Midwinter Meeting (Paper: Draft format)
Mission Statement

• MINERVA collects and preserves websites and webpages for the Library

• Goal is to preserve primary source materials for future generations
MINERVA

Mapping the INternet

Electronic Resources

Virtual Archive
Key Tasks

– select
– collect
– catalog (Metadata Object Description Scheme (MODS))
– provide access to
– preserve these materials for future generations of researchers
– evaluate
The Team

Diane Kresh - Director
Team Leader
Reference Librarians
Catalogers
IT Support
Technical Specialists
Office of Strategic Initiatives (OSI)
Why Archive the Web?

• "The Internet is as important as the print media for documenting these events."

• "Why? Because the Internet is immediate, far-reaching, and reaches a variety of audiences. You have everything from self-styled experts to known experts commenting and giving their viewpoint."
“The report’s primary message was ‘Born digital – Now!’”

David Levy, co-author of LC 21
A Report to the Library of Congress

“Preserving open access materials from the web falls within LC’s mission to collect and preserve the cultural and intellectual artifacts of today for the benefit of future generations.”

The Prototype

- Initial test Mid 2000
- LC crawled about 12 sites using a desktop web crawler
- Provided an initial investigation into the processes involved in web capture
- Sites were cataloged
- Access is on campus only
<table>
<thead>
<tr>
<th>PROJECT</th>
<th>Web Sites</th>
<th>Web Pages</th>
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<tbody>
<tr>
<td>LC Prototype</td>
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<tr>
<td>Election 2000</td>
<td>767</td>
<td></td>
</tr>
<tr>
<td>2002 Winter Olympics</td>
<td>70</td>
<td>18,445,502</td>
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<tr>
<td>September 11th</td>
<td>30,000</td>
<td>331,299,192</td>
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<td>9-11 Remembrance</td>
<td>1,800</td>
<td></td>
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<tr>
<td>Election 2002</td>
<td>4,000</td>
<td>&gt;70,000,000</td>
</tr>
<tr>
<td>107th Congress</td>
<td>588</td>
<td></td>
</tr>
</tbody>
</table>
Successful Partnerships make our Archive Happen
Partners
Election 2000 and the Internet Archive

- Access to advanced technology and expertise
- Crawler technology/harvesting web sites
- Wayback Machine – Index to the harvested sites captured over a period of time
- Provide temporary storage of data
WebArchivist.org

- A research group: SUNYIT and UW
- Develop systems for identifying, collecting, cataloging, and analyzing large-scale archives of web objects
- Cataloging Election 2002 and September 11th Archive
The Center for Communication and Civic Engagement

- Enhanced the Election 2002 Web Archive with a descriptive schema for applying metadata to archived web objects.
- Helped to develop a searchable metadata database.
- Created a user-friendly interface to the Web Archive.
Harvesting Process

- Collection plan/strategy
- Test harvesting-Jun 02
- Web owner notification
- Harvesting Jul 1-Nov 30, 2002 1.3 Terabytes of data
- Cataloging
- Interface design
- Access
Notification Process

• Email delivery
• If bounced, reviewed site for contact information
• If no valid emails identifiable on web site, domain registrations were reviewed for contact information.
• All candidate web sites cataloged and available in the Web Archive have been delivered a notification.
The Library of Congress, in collaboration with WebArchivist.org of the State University of New York Institute of Technology and the Internet Archive, has created the Election 2002 Web Archive with additional funding from The Pew Charitable Trusts through the University of Washington Center for Communication and Civic Engagement.

The Election 2002 Web Archive is a selective collection of nearly 4,000 sites archived between July 1, 2002 and November 30, 2002. The initial March 4th, 2003 release of the Election 2002 Web Archive includes web sites produced by congressional and gubernatorial candidates. Future releases will include party, interest group, press, government, civic, and other selective web sites related to the 2002 national and statewide elections. Additional materials will be made available as the collection is processed for long-term preservation.
Election 2002 Web Archive Search

Search Options
- Office
  - Governor | House | Senate
- Party
  - Democratic | Green | Libertarian | Other Third Party | Reform | Republican
- State
  - AK AL AR AS AZ CA CO CT DE FL GA GU HI ID IL IN KS KY LA MA MD ME MI MN MO MS MT NC ND NE NH NJ NM NV NY OH OK OR PA RI SC SD TN TX UT VA VI VT WA WI WV WY
- Candidate Name
  - A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
  - All Candidates

Search Instructions
Select one of the terms in the Search menu on the left to list candidates matching the selected category. The first 10 matching candidates will be displayed in the Results section on the right side of the screen. Use the page navigation below this list to view additional candidates.

Narrowing Your Search Selecting another category in the Search menu on the left will list candidates matching the additional term and previously selected terms. Candidates matching the refined terms will be presented in the Results section.

Viewing a Catalog Record Select a name to view the catalog record for that candidate. The record will open in a new browser window. Access to archived sites is through the catalog records.

Using the Search Path The Search Path, found directly above the Search menu, can be used to navigate and identify the layers of categories as you use the archive. Each time you select an additional category, it will be added to the Search Path. Previously selected categories remain in the Search Path and can be selected to return to previous iterations of the search.

Start a New Search Click on "New Search" in the Search Path.
## Election 2002 Web Archive Search

### Search Path:
- [New Search](#)  
- [Office](#)  
- [House](#) 

### Search Options

- **Party**
  - Democratic
  - Green
  - Libertarian
  - Other Third Party
  - Reform
  - Republican

- **State**
  - AK
  - AL
  - AR
  - AZ
  - CA
  - CO
  - CT
  - DE
  - FL
  - GA
  - GU
  - HI
  - ID
  - IL
  - IN
  - KS
  - KY
  - LA
  - MA
  - MD
  - ME
  - MI
  - MN
  - MO
  - MS
  - MT
  - NC
  - ND
  - NE
  - NH
  - NJ
  - NM
  - NV
  - NY
  - OH
  - OK
  - OR
  - PA
  - RI
  - SC
  - SD
  - TN
  - TX
  - UT
  - VA
  - VT
  - WA
  - WI
  - WV
  - WY

- **Candidate Name**
  - A
  - B
  - C
  - D
  - E
  - F
  - G
  - H
  - I
  - J
  - K
  - L
  - M
  - N
  - O
  - P
  - Q
  - R
  - S
  - T
  - U
  - V
  - W
  - X
  - Y
  - Z

- All Candidates

### Results

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<th>Office</th>
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<td>Republican</td>
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<td>Rogers, Mike</td>
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<td>House</td>
<td>AL-5</td>
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<td>Cramer, Robert &quot;Bud&quot;</td>
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1 2 3 4 5 6 7 8 9 10  Next
### Election 2002 Web Archive Search

**Search Path:** New Search | Office | House | Party | Republican | Home

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<tbody>
<tr>
<td><strong>State</strong> AL AR AZ CA CO CT DE FL GA HI ID IL IN KS KY LA MA MD ME MI MN MO MS MT NC ND NE NH NJ NM NV NY OH OK OR PA RI SC SD TN TX UT VA VT WA WI WV WY</td>
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</tr>
<tr>
<td><strong>Candidate Name</strong> ABC DEF GHI JKL MNO PQR STU VWX YZ</td>
<td></td>
</tr>
<tr>
<td><strong>All Candidates</strong></td>
<td></td>
</tr>
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<table>
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<th>State District</th>
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<th>Candidate Name</th>
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<tr>
<td>House</td>
<td>AL-1</td>
<td>Republican</td>
<td>Bonner, Jo</td>
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<tr>
<td>House</td>
<td>AL-3</td>
<td>Republican</td>
<td>Rogers, Mike</td>
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<td>AL-4</td>
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<td>AR-3</td>
<td>Republican</td>
<td>Boozer, John</td>
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<tr>
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<td>AZ-1</td>
<td>Republican</td>
<td>Stafford, David</td>
</tr>
</tbody>
</table>

1 2 3 4 5 6 7 8 9 10 Next
### Election 2002 Web Archive Search

**Search Path:** New Search | Office [ House ] | Party [ Republican ] | State [ FL ]

#### Search Options

- **Candidate Name**
  - A | B | C | D | E | F | G | H | K | M | N | P | S | W

- **District**
  - 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 12 | 13 | 15 | 16 | 24 | 25

**All Candidates**

#### Results

<table>
<thead>
<tr>
<th>Office</th>
<th>State District</th>
<th>Party</th>
<th>Candidate Name</th>
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</thead>
<tbody>
<tr>
<td>House</td>
<td>FL 8</td>
<td>Republican</td>
<td>Keller, Ric</td>
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<td>House</td>
<td>FL-12</td>
<td>Republican</td>
<td>Putnam, Adam</td>
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<tr>
<td>House</td>
<td>FL-13</td>
<td>Republican</td>
<td>Harris, Katherine</td>
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<tr>
<td>House</td>
<td>FL-13</td>
<td>Republican</td>
<td>Hill, John</td>
</tr>
<tr>
<td>House</td>
<td>FL-15</td>
<td>Republican</td>
<td>Newby, Gerry</td>
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<tr>
<td>House</td>
<td>FL-15</td>
<td>Republican</td>
<td>Weldon, Dave</td>
</tr>
<tr>
<td>House</td>
<td>FL-16</td>
<td>Republican</td>
<td>Foley, Mark</td>
</tr>
<tr>
<td>House</td>
<td>FL-24</td>
<td>Republican</td>
<td>Feeney, Tom</td>
</tr>
<tr>
<td>House</td>
<td>FL-25</td>
<td>Republican</td>
<td>Diaz-Balart, Mario</td>
</tr>
</tbody>
</table>

**Previous** | **2**

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**Collection Overview** | **Selection Criteria** | **Cataloging & Description**
**Technical Architecture** | **FAQs** | **Copyright, Takedown, Citation and Other Considerations Statement** | **Partners**

*The Library of Congress* | MINERVA Home
March 13, 2003
Election 2002 Web Archive Record

Title: Katherine Harris for Congress >>>>>> Home

Alternative Title: Katherine Harris, Republican Party candidate for House, Florida, 13th District, 2002.

Name: Harris, Katherine

Abstract: Web site promoting the candidacy of Katherine Harris, Republican Party candidate for House, Florida, 13th District, 2002. Includes candidate biography, issue position statements, campaign contact information, endorsements and campaign news press releases. Site features enable visitors to sign up for campaign email list, volunteer, make campaign contributions and follow links to other Internet locations.

Date Captured: August 9, 2002 - November 19, 2002

Archived Site

Subjects: Elections--Florida
United States. House of Representatives --Elections
Republican Party (FL)

Language: English

Genre: Web Site

Appraisal: None

Active Site: http://www.electharris.org/

Collection Title: Election 2002 Web Archive
Election 2002 Web Archive Resource Page

Each date listed below represents one archived version of `http://www.electharris.org/`. Clicking any date will display the web site record as it appeared at that time. Following other links from that page will return the closest matches available from the Election 2002 Web Archive. The record will open in the same window. Please use the browser back button to return to this page if you wish to visit other archived dates.

186 archived captures for `http://www.electharris.org/`

* denotes when site was updated.

<table>
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<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
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<tr>
<td>0 pages</td>
<td>20 pages</td>
<td>31 pages</td>
<td>58 pages</td>
<td>77 pages</td>
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<tr>
<td>Aug 01, 2002</td>
<td>Sep 01, 2002</td>
<td>Oct 01, 2002</td>
<td>Nov 01, 2002</td>
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<td>Aug 13, 2002</td>
<td>Sep 05, 2002</td>
<td>Oct 05, 2002</td>
<td>Nov 05, 2002</td>
<td></td>
</tr>
</tbody>
</table>
Walking, Waving and Honking!!!  
[Click here]

Welcome!

We won our Republican primary! Thank you each and all who volunteered and worked so tirelessly to make this a triumphant occasion. This victory would not have been remotely possible without the participation of our more than 750 volunteers.

We now have another challenging bridge to cross—the general election on November 5th. Our grassroots campaign will be stronger than ever before. We will continue our effort by walking door-to-door, meeting new friends and neighbors at "Coffee with Katherine" gatherings, and holding town hall meetings.

Again, thank you for all of your continued help and support.
Today at the White House, Nov. 6, 2002

**President Talks Tax Cuts and Homeland Security in Iowa**

While speaking in Cedar Rapids, Iowa Monday, President Bush said, "I'm beginning to hear that echo around the country that says, well, we might ought to revisit the tax relief. That's code word, that's Washington, D.C. speak for I'm fixing to get back into your pocket. The worst thing for economic vitality and jobs is to increase your taxes." [full story](#)

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**Iraq Must Disarm Says President in South Dakota Speech**

President Bush Sunday said, "...if the United Nations can't act, and if Saddam Hussein won't act, the United States will lead a coalition of nations to disarm Saddam Hussein." [full story](#)

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**White House Hosts Radio Day**

The White House hosted Radio Day on the North Lawn as an opportunity for more than 50 local and national radio hosts to interview White House officials and Cabinet members.

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**President Offers Solutions to Fix**

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**Saddam Hussein's Iraq**

For more than a decade, Saddam Hussein has deceived and defied the will and resolutions of the U.N. Security Council.

---

**Radio Day**

The White House hosted Radio Day on the North Lawn so more than 60 local and national radio hosts could interview White House officials and Cabinet members.
Local Voters Turn Out To Polls In High Numbers
M. D. gubernatorial and 8th congressional district races, N. Va. sales tax referendum headline ballots. – Washington Post

Bushes Aid GOP Effort
President Bush and first lady Laura Bush visit with 4-year-old Sarah Hobbs after voting at the Crawford Fire Department. (AP)

Smallpox Virus in 4 Nations
North Korea and Iraq are among the countries that have covert stocks of the pathogen, U. S. officials say. – Barton Gellman

Israel Sets Early Elections
Sharon is unable to save embattled government. Rival Netanyahu will be foreign minister until the Feb. vote. – John Ward Anderson

VNS Abandons Exit Polls
Its operation wobbles with errors, consortium will not give media election results. – Associated Press

Howard Kurtz: Media Notes
Look to Georgia First
Contest could be first race called in intense battle for Senate control. • Early Returns: Few Problems in Fla.

ELECTIONS 2002

Tuesday, November 5, 2002 | Updated 9:00 p.m. EST

The New Senate
Democrats 30
Republicans 32
Independents 1
Undeclared 28

The New House
Democrats 24
Republicans 32
Independents 1
Undeclared 373

Md. Governor
Ehrlich Jr. (R) 57
Townsend (D) 42
Other 1

N. Va. Sales Tax
Referendum
No 58
Yes 44

Asterisk (*) Denotes Incumbent | ✓ Denotes AP-Declared Winner

Election Explorer - Your Gateway to National Results - Click to Launch

Parties Battle for Control Of House and Senate
Concerns about terrorism, economy and Iraq make this the most unpredictable midterm vote in years.
- Terry M. Neal

video Neal's Analysis of Key Races
- Live NOW: Post's Robert G. Kaiser

Turnout Key in Local Races
Md. gubernatorial and N. Va. sales tax referendum headline ballots.
- Jay Mathews

video Md. Gov. Race
- Live NOW: Columnist Marc Fisher

video Md. 8th District

Jeb Bush Takes Early Lead in Fla.
Republican Katherine Harris, campaigning in Sarasota, is seeking a U.S. House seat in Florida. (Reuters)

video What Is at Stake Today
- Election Tour Guide

It's Good to Be an Incumbent
Four Senators seeking reelection have already been declared winners.
- Mark Stencil

THE WORLD'S GREATEST
GOP Set to Keep House, May Win Control of Senate

Republicans appear likely to avoid midterm jinx. - Terry M. Neal
- Senate Races | House | Governors
- Analysis: Nation Is Still Deeply Split
- Profiles of New Members of Congress
- Election Tour Guide: A GOP Senate?

Ehrlich Wins Md. Gov. Race
He’s the first GOP governor since Spiro T. Agnew. - Lori Montgomery
- Johnson Defeats Scott in Pt. George’s

Van Hollen Takes Md.’s 8th

Democrat Chris Van Hollen celebrates after beating Rep. Constance A. Morella in Md.’s 8th District. (Joel Richardson/Post)

N. Va. Tax Hike Defeated
Voters soundly reject plan that critics
GOP Gains Senate Control, Keeps House

In a surprise, Republicans break the midterm jinx as Democrats are unable to make the gains they had hoped for.

- Dan Balz

GOP Keeps House | Big Senate Wins
Democrat Pick Up Governorships

Roundup of Key Election Results

Ehrlich Stuns Townsend
In beating a Kennedy, he’s the first GOP governor in Md. since Agnew.
- Lori Montgomery

Democrats Can’t Rally Voters
Analysis: Neither side is able to stir enough interest to break a virtual tie.
- David Von Drehle

Van Hollen Ousts Morella
Heavily Democratic 8th votes party.
- Jo Becker

Election Tour Guide: A GOP Senate
Few Problems Seen at Polls This Year
Profiles of New Members of Congress
Media’s Polling Service Breaks Down

The New Senate
Democrats 46
Republicans 50
Independents 1
Undeclared 3
Full Details
Updated 4:00 a.m. EST

The New House
Democrats 202
Republicans 224
Independents 2
Undeclared 7
Full Details
Updated 3:42 a.m. EST

Minn. Senate
Coleman (R) 51
Mondale (D) 47

S.D. Senate
Thune (R) 50
Johnson* (D) 49

Local Results
By County

Election Partners
GOP Gains Senate Control, Keeps House

In a surprise, Republicans break the midterm jinx as Democrats are unable to make the gains they had hoped for.
- Dan Balz

**GOP Keeps House** | **Big Senate Wins**
**Democrat Pick Up Governorships**
**Media Notes: Networks Count Slowly**
Roundup of Key Election Results

---

**Ehrlich Stuns Townsend**

In beating a Kennedy, he becomes the first GOP gov. in Md. since Agnew.
- Lori Montgomery

**Coleman Defeats Mondale**

Republican wins Minnesota's Senate seat two weeks after the death of Sen. Wellstone. - Associated Press

Democrats Can't Rally Voters

Analysis: Neither side is able to stir enough interest to break a virtual tie.

**Van Hollen Ousts Morella**

Heavily Democratic 8th votes party.
- Jo Becker

---

**The New Senate**

**Democrats** 46
**Republicans** 51
**Independents** 1
**Undeclared** 2

Full Details
Updated 10:00 a.m. EST

**The New House**

**Democrats** 204
**Republicans** 227
**Independents** 1
**Undeclared** 3

Full Details
Updated 9:49 a.m. EST

**Minn. Senate**

- Coleman (R) 49
- Mondale (D) 48
- Other 3
99% Precincts Reporting
Full Results
Updated 9:38 a.m. EST

**S.D. Senate**

- Johnson (D) 50
- Thune (R) 49
- Other 1
99% Precincts Reporting
Full Results
Updated 9:38 a.m. EST

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**Local Results**

By County

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**Election Partners**
**ELECTIONS 2002**

**GOP Gains Senate Control, Keeps House**
In a surprise, Republicans break the midterm jinx as Democrats are unable to make the gains they had hoped for.  
- Dan Balz

- **GOP Keeps House | Big Senate Wins**
- **Democrats Pick Up Governorships**
- **Media Notes: Networks Count Slowly**

**Election Explorer**
Your Gateway to National Results |
Launch

**Florida Gov. Jeb Bush (R) celebrates his victory over Bill McGwire during his election night party in Miami. (Reuters)**

**Coleman Defeats Mondale**
Republican wins Minnesota's Senate seat after the death of Paul Wellstone.  
- Associated Press

**Democrats Can't Rally Voters**
Analysis: Bush scores a big win.  
- David Von Drehle

- **White House Maps Ambitious Plans**
- **Media's Polling Service Breaks Down**

**Ehrlich Stuns Townsend**
In beating a Kennedy, he becomes the first GOP gov. in Md. since Agnew.  
- Lori Montgomery

- **Ehrlich Celebrates With Backers**
- **Md. Voters Sought Change, Pull Finds**

**Van Hollen Ousts Morella**
Heavily Democratic 8th votes party.  
- Jo Becker

- **Van Hollen Savors His Victory**
- **Williams Back as D.C. Mayor**

**N.Va. Tax for Roads Defeated**
 Voters didn't trust the funding plan.  
- R.H. Melton

- **N. Virginians Rejected Tax Hike**

**The New Senate**

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**The New House**

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**Minn. Senate**

- **Coleman (R)** 50 |
- **Mondale (D)** 48 |
- Other 2 |

95% Precincts Reporting  
Full Results  
Updated: 10:58 a.m. EST

**S.D. Senate**

- **Johnson (D)** 60 |
- **Thune (R)** 40 |
- Other 1 |

100% Precincts Reporting  
Full Results  
Updated: 10:58 a.m. EST

**Local Results**
By County
Making the Economy Work for People
October 15, St. Paul

At the State Capitol this morning, Paul Wellstone stood with workers and outlined a proposal of immediate steps to get the economy moving and assist Minnesotans in these poor economic times. Wellstone proposed investing additional resources to provide job training opportunities for workers, expanding tax credits to make college more affordable for middle class students and their families, raising the minimum wage, extending additional unemployment aid to those still looking for work, and closing tax loopholes which allow corporations to avoid paying US taxes.
Statement about Paul Wellstone

Paul Wellstone was one of a kind. He was a man of principle and conviction, in a world that has too little of either. He was dedicated to helping the little guy, in a business dominated by the big guys. We who had the privilege of working with him hope that he will be remembered as he lived every day: as a champion for people.

His family was the center of his life and it breaks our hearts that his wife of 39 years and his daughter Marcia were with him. Our prayers are with Mark and David and the grandchildren he and Sheila cherished so much.
Wellstone!
1944-2002

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His family was the center of his life and it breaks our hearts that his wife of 39 years and his daughter Marcia were with him. Our prayers are with Mark and David and the grandchildren he and Sheila cherished so much.

We also grieve the loss of our wonderful and talented staff. Our hearts go out to their families.
Mondale

VOTE TODAY!

What's New on FritzMondale.org:
- New Content in "On the Road" section
- New Mondale Ad - "Integrity" (Quicktime)

Important Information about Absentee Ballots:
If you have already cast a ballot for Paul Wellstone, your vote WILL NOT COUNT unless you cast a new updated ballot.

Your best option is to go to the polls and vote on Tuesday. The second best option to vote at your County election office on Monday. If you need a ride to the polls or have any other absentee voting questions or concerns, please call the toll-free Hotline at 1-877-561-0727.

REMEMBER TO MAKE YOUR VOTE COUNT!

Mondale Rallies Supporters in Minneapolis
November 4, Minneapolis, MN
Mark and David Wellstone, Buck Humphrey, and Roger Moe were joined by Minnesota natives Soul Asylum and Jessica Lange and rallied supporters and called on everyone to carry on Paul Wellstone's legacy by electing Fritz Mondale to his seat in the U.S. Senate. The last day before the election was a full one, starting out...
Winter Olympics 2002

February 2002
70 websites
Canadians Call for Pairs Investigation

Tuesday, February 12, 2002
Associated Press

SALT LAKE CITY — Canada's Olympic delegation called for an investigation into the judging that gave the Russians the pairs gold medal over the Canadian team. Others in the sport say this could be the first sign that figure skating is due for some drastic changes.

The International Skating Union, which oversees the sport, said Tuesday it will conduct an "internal assessment" of the narrow loss by world champions Jamie Sale and David Pelletier to Elena Berezhnaya and Anton Sikharulidze on Monday night.

"There should be pressure applied to investigate the results of this particular event," said Sally Rehorick, Canada's chief of mission, a former skater and a judge for 25 years. "We will request an investigation. I do feel the credibility of our sport could be negatively affected by this decision."
The 107th Congress

December 12, 2002
40 gigabytes of data
588 Web Sites
Welcome to my official Senate website. Whether researching current legislation or planning a trip to Washington, D.C., this site will provide information which I hope will be helpful to you.

It is an honor to represent the finest state in the Nation, and I thank you for the privilege of serving you. As always, if I can ever be of assistance to you as your United States Senator, please do not hesitate to contact me.
September 11th
September 11th Remembrance

September 2001 over 30,000 unique URLs
September 2002 over 1800 websites
The Collection Statement

The Library of Congress, in collaboration with the Internet Archive, WebArchivist.org and the Pew Internet & American Life Project, has created a collection of digital materials known as the September 11 Web Archive.

The September 11 Web Archive preserves the web expressions of individuals, groups, the press and institutions in the United States and from around the world in the aftermath of the attacks in the United States on September 11, 2001.

The Web Archive is important because it contributes to the historical record, capturing information that could otherwise be lost. With the growing role of the Web as an influential medium, records of historic events could be considered incomplete without materials that were "born digital" and never printed on paper.

The September 11 Web Archive is currently hosted by the Internet Archive. WebArchivist.org developed the user interface for the September11.archive.org web site. Webarchivist.org is presently working with the Library to create a searchable metadata database and an improved user interface which will enhance access to the Archive.

For further information on the composition of these web archives and our future plans for this collection, please see our FAQs.
In The News

Wednesday, March 12

In NYC, Red Cross Provides 24-Hour Support
American Red Cross trained disaster workers in and around New York City responded immediately to the terrorist attacks on Tuesday morning. Since then, they’ve been hard at work, around the clock.

→ more...

Volunteer Blood Donors Fill Red Cross Square
In response to Tuesday’s terrorist attacks, hundreds of blood donors filled Red Cross Square in downtown Washington, D.C. Wednesday morning. From college students to military personnel, every volunteer had the same reason for being there: They simply wanted to help the victims of this terrible tragedy in any way they could.

→ more...

First Day of National Recovery

We appreciate the extreme generosity of the American people in this time of national need. We ask for your patience as we help the people who need it the most.

Red Cross Workers at Pentagon Provide Relief, Counseling
American Red Cross disaster workers throughout the country are providing relief and counseling to the victims of the terrorist attacks.

If you need to find a family member affected by the disaster:
The network of American Red Cross chapters is available to help find information regarding family members affected by the disaster. All inquiries...
My Neighbor’s Brother is Missing -

Remembering Without Remains

By John Laxmi

(www.johnlaxmi.com - E-mail: johnlaxmi@aol.com)

(The writer is a freelance writer and an adjunct faculty member at New York University; he was an investment banker with Morgan Stanley and Citigroup until 2000.)

NEW YORK, SEPT. 19. Eight days since our slumbering world was awakened to a nightmare, there is no trace of over six thousand reported missing. The best guess is that they were all cremated and pulverized within an hour of the towers collapsing. A unique mass cremation like the world has never seen.

Among those missing was Gino. Gino was 34-year old. His sister, Gabriella, and mother, Emma, live in our neighborhood. Gino and his wife, Chris, lived in the town next to ours.

Today, Gabriella had to call the police for assistance because Emma became uncontrollable. Emma kept trying to run away from home, in search of her missing son. But, Chris and Gabriella have reconciled to the inevitable conclusion: Gino is no more.

This evening, we had a memorial service for Gino at St. Joseph’s Parish. Over two hundred friends and relatives streamed in to the church and poured their grieving hearts out in prayer songs.

Last month, i visited a cousin whose 20-year old son was killed in an automobile accident. Following his son’s cremation, someone brought to him the urn of ashes that his dear son had been reduced to. My cousin said there were moments when he felt like hurling the urn at the picture of the Lord he worships.
WINDSOSN ON THE WORLD

WE ARE DEEPLY SADDENED BY THE LOSS OF
SO MANY MEMBERS OF OUR FAMILY. OUR
THOUGHTS AND PRAYERS ARE WITH ALL OF
YOU WHO HAVE LOST LOVED ONES IN THIS
UNIMAGINABLE TRAGEDY.

The following is a list of important information that we hope will prove helpful:

Windows on the World Hotline:
(877) 226-5170

Windows on the World Temporary Offices
David Berdon and Co., LLP
415 Madison Avenue
New York, New York 10017
ph: (212) 832-0400
fax: (212) 371-1159

Windows on the World Memorial Service
Monday, October 1, 2001 4:00 PM
St. John The Divine,
112th Street and Amsterdam Avenue
New York City

Windows of Hope Family Relief Fund
Contributions can be sent to:
Windows of Hope Family Relief Fund
C/o David Berdon and Co., LLP
415 Madison Avenue
New York, New York 10017
My name is Greg McNulty, and my apartment is about four blocks from the World Trade Center. Here are my photographs of the disaster. I hope these images provide a sense of what it was to be in lower Manhattan in the aftermath of those terrible events.

Please direct comments to gregord@yahoo.com
we remember flight 93

**hero (hɪrˈoʊ)**

*n. pl. heroes*

1. A person noted for feats of courage or nobility of purpose, especially one who has risked or sacrificed his or her life.

The American Heritage® Dictionary of the English Language, Fourth Edition

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**home | our heroes | give | news articles | links | thanks**

[flight93.org](http://flight93.org) is a memorial to those who died on flight 93, Sep 11, 2001
'NYC' in Webdings:

Eye ❤️ Buildings

'NYC' in Wingdings:

Skull & Bones Star & Crescent Thumbs Up

The coincidental arrangement of these symbols (and an accompanying conspiracy theory) was noted as far back as 1992 in a New York Post article:

ANTI-JEWS CODE LURKS IN POPULAR SOFTWARE

One of the world’s best-selling computer programs contains a secret anti-Semitic message apparently urging death to Jews in New York City.

A computer consultant discovered the diabolic message while installing Microsoft’s new Windows 3.1 software for a client yesterday.

The consultant was testing a mailing-address use of the program when he noticed
Sept 11th, A day that started like any other day

--- but it wasn't. ----

It was a day that changed our worlds
faith

Three days after the collapse of the World Trade Center, on the evening of September 14th, a unique photo project took place in New York City.

In the days following the tragedy, all of us had been witnessing the aftermath and the incredible anguish and sense of loss on the faces around us. As a photographer, I felt compelled not only to document what I was seeing but to create something positive from this terrible event.

On that Friday afternoon, my crew and I headed to Union Square where hundreds of New Yorkers gathered for a candle light vigil. We created a
The World Mourned

September 11, 2001

Click Image To View Photos

All images copyright by original owners.

More Like Jesus
Making Sandwiches

It's unbelievably sunny and temperate here. The last two days have been the best weather imaginable. Still, it's eerily quiet, and everyone knows why. The single thought — the World Trade Center is gone — packs more drama than the few words seem capable of carrying. Not just a building, but all that transpired, those inside, the airline passengers, passersby, neighborhood residents, other area workers, and what it represents on an iconographic level.

There's this big hole in the landscape that we're accustomed to reading like braille. When disoriented in lower Manhattan, everyone turns skyward and used the WTC as a point of reference, it's the biggest thing we know that's always in the same place, visible from everywhere. On Manhattan's compass, it's true south. Maybe it seems so nice out because we have more sky exposed than we are used to.

In the future when people ask 'Where were you when it happened?' I wonder if I will answer truthfully. I was at the gynecologist having my annual check up. I came out and went to Broadway at 12th Street to get a cab and people were starting to pour in the street. Just as I had gotten someone to tell me what happened "Something in the World Trade Center exploded," there was a collective gasp, and I turned to look up and saw both towers burning.
Many Questions to Ponder

• What is a Web site?
• What sites and how often?
• What are the technical challenges?
  – Flash™ movie web sites
  – Complex web programming
  – Password/login sites
• What level of access do we provide?
What’s Next?

• Additional cooperative partners
• Long-term Preservation - NDIIPP
• Improved access, cataloging, and searchability
• More to collect: War on Iraq, Election 2004, Federal Government, etc.
Feedback-Content Owners

• “Sounds like a fabulous project. Please, use anything from my website that may be useful.”

• “We were honored that you captured www.stan2002.com during the campaign 2002 for the Library of Congress’s permanent archives.”

• “Yea ... that is cool!”
Feedback-Users

• “I am a school librarian ... and am generally quite passionate about the role of libraries in preserving – and shaping – culture, and I can think of no more moving example of this than the work that went into the creation of this archive.”
Recognition

- Yahoo! Internet Life’s Site of the Year
- Teaching911.org’s Site of the Week
- Internet Scout Report
- Librarians’ Index to the Internet
- Yahoo Pick of the Week
- USA Today Hot Site
Questions?

http://www.loc.gov/minerva