



National Aeronautics and Space Administration
Goddard Space Flight Center

Wallops Flight Facility, Wallops Island, Virginia

Inside Wallops

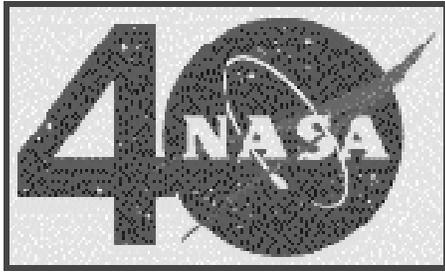
Volume XIX-98

Number 46

December 21, 1998

NASA In The News In 1998

Aeronautics and space got noticed in '98 — with the return of John Glenn to earth orbit, the start of International Space Station construction and the discovery of ice on the moon. Background information is available on the top 10 NASA stories of the year at the URLs listed.



John Glenn Returns to Space

Senator John Glenn was named as a payload specialist last Jan. 16 and assigned to the crew of the Space Shuttle Discovery, which was launched Oct. 29, 1998, on a nine-day mission.
<http://www.jsc.nasa.gov/Bios/htmlbios/glenn-j.html>

First International Space Station Assembly

Phase II — construction in orbit — began with the first station elements launched in 1998: Zarya in November and Unity in December. Next, the first wholly Russian contribution, a component called the Service Module, will be launched from Russia in 1999.
<http://spaceflight.nasa.gov/>

Hubble Takes Image of Possible Planet Around Another Star

Hubble Space Telescope gave astronomers their first direct look at what is possibly a planet outside our solar system — one that apparently has been ejected into deep space by its parent stars.
<http://opposite.stsci.edu/1998/19>

Most Powerful Gamma Ray Burst since Big Bang

A cosmic gamma ray burst detected this year released a hundred times more energy than previously theorized making it the most powerful explosion since the creation of the universe in the Big Bang.
http://science.msfc.nasa.gov/newhome/headlines/ast06may98_1.htm

Lunar Prospector Discovers Ice on Moon

There is a high probability that water ice exists at both the north and south poles of the Moon according to initial

scientific data returned by NASA's Lunar Prospector this year.
<ftp://ftp.hq.nasa.gov/pub/pao/pressrel/1998/98-038.txt>

NASA Studies La Nina

Research scientists using data from the Tropical Rainfall Measuring Mission (TRMM), SeaWiFS and TOPEX/POSEIDON missions are shedding new light on the phenomenon known as La Nina. The images show changes in sea-surface temperature, and ocean current movement and the dissipation of El Nino. While it is too early to draw definite conclusions, the results to date appear to confirm the onset of La Nina-type conditions.
http://topex-www.jpl.nasa.gov/discover/el_nino.html

Antarctic Ozone Hole

In late 1997, larger levels of ozone depletion were observed over the Arctic than in any previous year on record. In 1998, using climate models, a team of scientists reported why this may be related to greenhouse gases.
<ftp://ftp.hq.nasa.gov/pub/pao/pressrel/1998/98-058.txt>

Magnetar

A neutron star, located 40,000 light years from Earth, is generating the most intense magnetic field yet observed in the Universe, according to an international team of astronomers.
http://science.msfc.nasa.gov/newhome/headlines/ast20may98_1.htm

Pathfinder Airplane

NASA's remotely piloted, solar-powered Pathfinder-Plus flying wing reached a record altitude of more than 80,000 feet during a developmental test flight Aug. 6 in Hawaii. The altitude is the highest ever achieved by a propeller-driven craft and surpasses the official record altitude of 71,530 feet for a solar-powered aircraft set by an earlier version of the Pathfinder last summer.
<http://www.dfrc.nasa.gov/PAO/PressReleases/1998/98-64.html>

Eileen Collins Named First Woman Shuttle Commander

First Lady Hillary Rodham Clinton announced from the White House in early 1998 that astronaut Eileen Collins (Lt. Col., USAF) would become the first woman to command a Space Shuttle when Columbia launches on the STS-93 mission in March 1999.
<http://www.jsc.nasa.gov/Bios/htmlbios/collins.html>

A Message to all Wallops Employees

This past year was another in a series of extremely busy years for all of us here at Wallops.

We made significant progress in implementing the elements of Wallops Mission 2000 during this year. We successfully conducted a very full schedule of programs and projects while, at the same time, we learned how to function more effectively in the new Goddard organizational structure.

I believe that thanks to the spirit and dedication of Wallops employees we did it all well.

I congratulate all of you, and I wish you a safe and happy holiday.

Arnold Torres
Director of Suborbital Projects and Operations

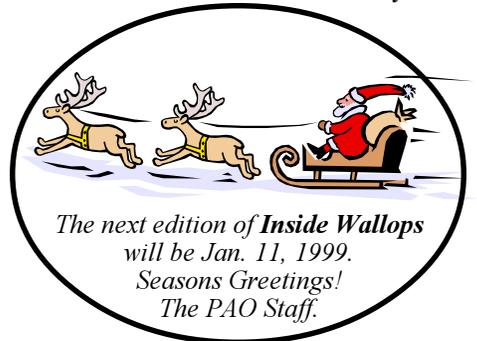
Wallops Shorts.....

Mapping Mission

NASA Wallops Flight Facility, Observational Science Branch (OSB), the National Oceanic and Atmospheric Administration (NOAA) and the U.S. Geological Survey (USGS) have completed mapping missions in Cape Cod, MA; Long Island, NY; Lake Erie, OH and Assateague Island. The NASA Airborne Topographic Mapper was installed in a NOAA Twin Otter aircraft. The Twin Otter departed Wallops on Dec. 1 and returned Dec. 7. EG&G employees, Earl Fredrick, Jim Yungel and John Sonntag participated in the mission.

Fire Department

Emergency Medical Technicians responded with an ambulance to a motor vehicle accident in Oak Hall on Dec. 11. A patient was transported to the Peninsula Regional Medical Center. The request for medical assistance was received from Accomack County 911.



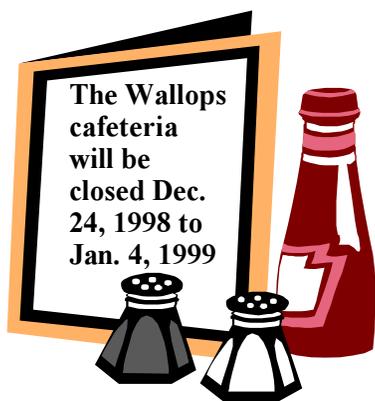
The next edition of Inside Wallops will be Jan. 11, 1999. Seasons Greetings! The PAO Staff.

Email Newsletter for Federal Employees and Retirees

Federal employees and retirees may register for free weekly delivery of *FEDweek* at home, work or both places by visiting the *FEDweek* website at: <http://www.fedweek.com>

This is the fastest growing newsletter in the federal government. *FEDweek* subscribers get the word before anyone else.

The White House has announced the 1999 pay raises for general schedule civil service employees. The 1999 Pay Raise Tables are posted on the *FEDweek* website at: <http://www.fedweek.com>



Introduction to Word 97 One 8-hour session When: January 11, 1999 Where: Wallops Flight Facility

This class is designed for students who want to learn how to navigate through and work with documents; manipulate text; change formatting and page layout; and preview and print a document.

The course topics include:

- * Creating documents;
- * Editing and revising documents;
- * Formatting text;
- * Formatting pages;
- * Formatting paragraphs;
- * Previewing and printing a document;
- * Sharing folders and printers.

The course is Directorate funded with a cost of \$120 (cost is dependent on class size)per student.

Training requests should be submitted to Code 114 no later than COB Dec. 21.

Contractor employees may register by submitting a memo to Tracey White, Code 114 by the COB date. This memo must state that the contractor employee is interested in taking the training course and their company is willing to pay a pro-rated cost for the course. The memo must be on company letterhead and be signed by the contractor employee's immediate supervisor and contract monitor (either ATR or COTR). Contractors are admitted on a "space available" basis.



Health Hints

by Betty Jackson, R.N.

Are you sure it's a cold?

In some ways, the common cold is like the flu. In other ways, it's like hay fever. Misdiagnosis can lead to mistreatment. Here are the distinguishing symptoms.

Symptoms	Common Cold	Influenza	Allergy
Runny, stuffy nose	Usually	Occasionally	Usually
Nasal discharge	Usually (thick, clear to yellowish green)	Occasionally	Usually (watery, clear)
Sneezing	Occasionally	Rarely	Usually
Sore throat	Usually	Rarely	Occasionally
Cough	Occasionally	Usually (often severe)	Occasionally
Headache	Occasionally	Always	Usually
Muscle aches	Usually (mild)	Always (severe)	Rarely
Fatigue, weakness	Usually (mild)	Always (severe, sudden onset, may last several weeks)	Rarely
Fever	Occasionally (mild)	Always (high, sudden onset, lasts 3-4 days)	Never
Red, itchy eyes	Rarely	Rarely	Usually
Itchy nose, throat	Rarely	Rarely	Usually

New Year's Eve Dance



9 p.m. to 1 a.m.
Margot's Band

Party Favors, Champagne Toast and Full Breakfast Buffet

Tickets are \$15 per person and may be purchased from Sandy on x1454, Bldg. F-3 or Pam on x2020, Bldg. E-2.



Mark your calendar for these upcoming MAC events:

Karaoke with New Millennium - Jan. 13
Tittle's Name that Tune - Jan 20.
BH Club Annual Dinner - Feb. 13

Items for Sale

Love seat and sofa, light blue and beige color, good condition - \$180.

Exercise machine, Cardio Glide Plus, like new - \$100. Call 757-787-7290 after 5 p.m.

1992 Pontiac Bonnivelle, excellent condition.

Love seat and sofa, one year old, excellent condition. Call 757-787-1558 after 5 p.m.

1994 S-10 Pickup, 84,000 miles - oil change every 3,000 miles. New A/C compressor and hoses. Brake drums and rotors turned. New shoes and pads. New battery. Good Tires. \$7,700. Call 757-824-0991 after 5 p.m.

Inside Wallops is an official publication of Goddard Space Flight Center and is published by the Wallops Office of Public Affairs, Extension 1584, in the interest of Wallops employees.

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Printing Management Office