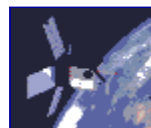




**SPACEDAILY**  
YOUR PORTAL TO SPACE



**Making Space for Everyone**

starchaser.co.uk

Mar 27, 2003

Get Our Free Newsletter

WAR.WIRE

SPACEDAILY  
MARSDAILY  
SPACEWAR  
SPACE TRAVEL  
ROCKET SCIENCE  
TERRADAILY  
DRAGON SPACE  
SPACEMART  
TECH SPACE  
SPACE DATABASE  
YESTERDAY'S SPACE  
CONTACT US  
AD RATES

SEARCH SPACEDAILY

Paid Links

**Space Tethers**

**RENT THIS SPACE**

SPACEDAILY EXPRESS

Subscribe  Unsub  
your email

TECTONICS

## South Pole Seismic Station Is Very Quiet And Very Sensitive

Arlington - Mar 26, 2003

Data collected by a new seismic observatory at the National Science Foundation's (NSF)

Amundsen-Scott South Pole Station indicate that it is the quietest listening post on the planet for observing shudders produced by earthquakes around the world as they vibrate through the Earth.



- [Oxfam says "no" to cash from belligerent governments](#)
- [Russian minister Kudrin says cancellation of Iraq oil contracts illegal](#)
- [Europe awaits more protests as public fears long Iraq war](#)
- [Iraq war worst crisis since Cold War: Russia's Putin](#)
- [US forces, their supply lines stretched, regroup ahead of push to Baghdad](#)
- [Iranian anti-war demonstrators break windows of British embassy](#)
- [US adds Tonga to "coalition of the willing" list](#)
- [Greek defence minister to meet Rumsfeld in Washington on Tuesday](#)
- [Prague considering sending field hospital to Iraq](#)
- [No underestimation of Iraqi strength, campaign remains on track: general](#)



**SPACEWAR.COM 24/7 IRAQ WIRE NEWS**

## Japan Militarizes Its Space Program With Launch Of Dual Spy Sats

Tokyo (AFP) Mar 28, 2003

Confronted with growing fears of the latest member of the nuclear bomb club North Korea, Japan



ENERGY TECH

## Ion Trek Through Polymer Offers Better Batteries

Idaho Falls - Mar 26, 2003



Cell phones, CD players and flashlights all wear down batteries

has launched its first two spy sats Friday morning in a highly secret mission that Japan has released few details on beyond confirming the rocket's launch. "The rocket was launched at 10:27 am (0127 GMT)," said Yoshihiro Nakamura, spokesman for the National Space Development Agency (NASDA), minutes after the launch.



far faster than we might wish. But there's new hope, now that researchers at the Department of Energy's Idaho National Engineering and Environmental Laboratory (INEEL) have overcome another barrier to building more powerful, longer-lasting lithium-based batteries.

#### TERRADAILY

### **Sunny Days, Blue Skies For ESA And Satellite Meteorology**



Paris (ESA) Mar 25, 2003

The European Space Agency will join an international group that coordinates the planning and data procedures of weather satellites. Called the Coordination Group for Meteorological Satellites, the organisation provides a forum for meteorological satellite operators to explore ways to guarantee the maximum efficiency and usefulness of their systems on a global scale.

#### EARTH OBSERVATION

### **NCAR's Data Archives Reach the One-Petabyte Stratosphere**

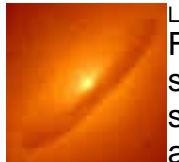


Boulder - Mar 26, 2003

With the help of an innovative storage system, the National Center for Atmospheric Research (NCAR) has surpassed the one-petabyte mark in its data holdings, which range from satellite, atmosphere, ocean, and land-use data to depictions of weather and climate from prehistoric times to the year 2100 and beyond.

#### SPACE SCIENCE

### **Cosmic Particles Find Potential Role In Homeland Security**



Los Alamos - Mar 25, 2003

Fragments of cosmic rays could someday lead to the detection of smuggled nuclear materials, according to researchers at Los Alamos National Laboratory.

#### TECH SPACE

### **Engineers Create World's First Transparent Transistor**



Corvallis - Mar 26, 2003

Engineers at Oregon State University have created the world's first transparent transistor, a see-through electronics component that could open the door to many new products.

#### NUCLEAR SPACE

### **New High-Purity Plutonium Sources Produced At Los Alamos**



New Orleans - Mar 25, 2003

For the first time since 1987, new high-purity plutonium sources for use as primary analytical chemistry standards have been produced at Los Alamos National Laboratory using a new extrusion method developed at the

#### OPINION SPACE

### **Time To Cut The Umbilical Cord And Roar Into Space**



Pinson - Mar 24, 2003

In a recent "Opinion Space" article, one bright man asked the (valid) question "Is The Shuttle Fatally Flawed?" The answer can only be: yes (with an asterisk \*) writes Jeff Wright.

Laboratory. Plutonium sources used as standards in analytical chemistry must be of extreme purity, 99.99 percent pure, free of contaminants and surface oxidation.

#### SPACE MEDICINE

### **Another Piece Of Europe In Your Pocket Will Help Keep You Healthy**



Paris (ESA) Mar 25, 2003

Health-care experts met in Barcelona last weekend to discuss what an EU press release describes as "another piece of Europe in your pocket". The workshop on electronic health cards for Europeans, organised by the TM Alliance, was held at the European of the World Health Organisation.

#### SPACEMART

### **Remote Sat Carrier Line-ups On A Wi-Fi PDA**



Washington - Mar 25, 2003

IntegraSys has introduced a wireless internet based remote satellite carrier line-up tool that works on a commercial PDA and supports Wi-Fi, cellular or sat-phone connections to remote satellite monitoring stations via Internet.

- [Bio Threat Needs Aggressive Action](#)
- [Mars Trip Postponed Indefinitely](#)
- [The Space Settlement Summit](#)
- [Cut Manned Spaceflight - We Need That S&L Bailout!](#)

#### YESTERDAYS SPACE

- [Rocket Carrying Japan's First Spy Satellites Launched](#)
- [600 Cruise Missiles Fired In Iraq War So Far](#)
- [China Accuses United States Over Taiwan Arms Sales](#)
- [Pakistan Test-Fires Missile](#)
- [Nuclear Enemies Conduct Rival Missile Tests](#)
- [NASA To Launch Sirtf Infrared Space Telescope](#)
- [Cosmic Particles Find Potential Role In Homeland Security](#)
- [New High-Purity Plutonium Sources Produced At Los Alamos](#)
- [Another Piece Of Europe In Your Pocket Will Help Keep You Healthy](#)
- [NCAR's Data Archives Reach the One-Petabyte Stratosphere](#)
- [Ion Trek Through Polymer Offers Better Batteries](#)
- [Engineers Create World's First Transparent Transistor](#)
- [Remote Satellite Carrier Line-ups On Aa Wi-Fi PDA](#)
- [Sunny Days, Blue Skies For ESA And Satellite Meteorology](#)
- [South Pole Seismic Station Is Very Quiet And Very Sensitive](#)
- [North Korea Boosts Military Spending As Nuclear Crisis Persists](#)
- [NKorea Warns Japan Over Spy Sat Launch](#)
- [Japan Watches For NKorean Missile Before Sat Launch](#)
- [US Air Strikes Destroy Iraqi GPS Jammers](#)
- [Taiwan Watching Patriot Performance In Iraq](#)
- [Study Finds Increasing Solar Output Impacts Climate](#)
- [New Business Is Out Of This World](#)
- [Scientists Find Evidence For Crucial Root Evolution](#)
- [Building Nano Composites For Space Applications](#)
- [New Technique Offers "Plumbing" For Microfluids](#)
- [DNA-Repair Protein Stops UV Damage](#)
- [Matter Near Black Hole Gets Second Lease on Life](#)
- [Gamma-Ray Bursts And Supernovas Related](#)
- [Silicon Nanospheres Rank Among Hardest Materials](#)
- [Loral Birds Reach 1,000 Years On Orbit](#)
- [UK Must Seize Opportunities In Space](#)

- [NASA Selects Next Medium-Class Explorer Mission](#)
- [Biofuel Cell Could Replace Rechargeable Batteries](#)
- [US May Focus On Iran's Nuclear Project After Iraq War](#)
- [Russia To Delays Nuke Treaty Ratification Due To War](#)
- [India Tests Nuclear-Capable Missile, Surprises Analysts](#)
- [See March 26 Edition For More News](#)

**EARTH.WIRE**

- [Indonesia mulls tax on exotic pets to preserve wildlife](#)
- [Basra's water supply 'precarious': ICRC](#)
- [Southern Iraqi oilfields relatively unscathed: IEA head](#)
- [G8 environment meet switches France venue as Iraq war enters second week](#)
- [US 101st Airborne welcomes clear skies over Iraq](#)
- [Dangerous levels of metal traces found in vegetables in Delhi: study](#)
- [Floods kill 11, affect thousands in northern Afghanistan](#)
- [ADB approves 180 mln dlr loan for Vietnam water security](#)
- [Prestige tanker has stopped leaking oil: Portugal](#)
- [Basra begins to get its running water back](#)

**TERRA.WIRE**

- [Four killed in two avalanches in western Canada: police](#)
- [China's farmers in grip of severe drought](#)
- [Moderate quake shakes western Japan](#)
- [Quake measuring 5.5 on Richter scale hits eastern India](#)
- [Strong quake jolts Indonesia's Flores island](#)
- [US colonel apologises for shooting down British warplane](#)
- [Grieving Tornado detachment in Kuwait angry at "friendly fire" deaths](#)
- [Two British airmen from Tornado downing officially dead - ministry](#)
- [Pentagon says plane reported missing by Rumsfeld was British Tornado](#)
- [Tornado: Britain's workhorse fighter-bomber](#)

**TECH.WIRE**

- [Dutch authorities ask Indian IT employees to leave](#)
- [Inventor of first portable computer dies in India](#)
- [China's software market grows nearly 20 percent in 2002: report](#)
- [NEC to start build LCD joint venture in China](#)
- [Swiss high-tech company Unaxis swings into loss in 2002](#)
- [Cisco to buy Linksys Group for about 500 million dollars in stock](#)
- ["Smart war" gamble is put to the test](#)
- [Sun Microsystems donates 300 mln dlrs in software to Indian students](#)
- [Asia-Pacific chip industry to grow 13.2 percent this year: Gartner](#)
- [3Com and China's Huawei form joint venture](#)

**SPACE.WIRE**

- [Suspected US missile lands in Turkey](#)
- [Launch of Japan's first spy satellites denounced as hostile act by N Korea](#)
- [North Korea denounces Japan's satellite launch](#)
- [Rocket carrying Japan's first spy satellite launched](#)
- [Cruise missiles fired on Baghdad](#)
- [US-Russia crew to blast off for ISS on April 26](#)
- [Russian space hero Gagarin's death spurs theories, 35 years on](#)
- [Iraqi forces bombarded US forces landing in Kurdish-held north: army](#)
- [Japan to launch first spy satellite as fears grow of NKorean missile](#)
- [Canadian, British astronomers weigh black hole for first time](#)

The contents herein, unless otherwise known to be public domain, are Copyright 1995-2003 - SpaceDaily. AFP Wire Stories are copyright [Agence France-Presse](#) ESA Portal Reports are copyright [European Space Agency](#). Additional copyrights may apply in whole or part to other bona fide parties. Advertising does not imply endorsement, agreement or approval of any opinions, statements or information provided by SpaceDaily on any web page published or hosted by SpaceDaily. [Privacy Statement](#)