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HEADLINE STORIES

12.23.2005 - An Explosion on the Moon

The Moon: So you thought nothing ever happens on the moon? Think again. NASA scientists have observed a surprising and powerful explosion in the lunar Sea of Rains.

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12.7.2005 - Moon Storms

The Moon: An old Apollo experiment is telling researchers something new and surprising about the moon.

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11.28.2005 - Shadows of Venus

Looking Up: The planet Venus is growing so bright, it's actually casting shadows. You may be able to see them this week.

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11.22.2005 - Thanksgiving Skies

Looking Up: There are some things you can only see from the window of an airplane.

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11.21.2005 - Mesmerized by Moondust

The Moon: Using laser beams and electric fields, NASA researchers are catching individual grains of moondust and studying the curious way they behave.

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11.18.2005 - Radiation Resistant Computers

Space Weather: Researchers are developing advanced computers that can think clearly even when they're bombarded by space radiation.

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11.16.2005 - Space-time Vortex

Fundamental Physics: NASA's Gravity Probe B spacecraft has gathered all the data physicists need to check a bizarre prediction of Einstein's relativity.

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11.9.2005 - Lunar Lawn Mower

The Moon: How do you put troublesome moondust to good use? Simple. All it takes is a lunar lawn mower.

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11.3.2005 - Fireball Sightings

Looking Up: Earth is orbiting through a swarm of space debris that may be producing an unusual number of nighttime fireballs.

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11.1.2005 - New Moons of Pluto

Planetary Exploration: Using NASA's Hubble Space Telescope to probe the ninth planet in our solar system, astronomers have discovered that Pluto may have not one, but three moons.

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10.28.2005 - Managing Murphy's Law on Mars

Mars Exploration: A NASA report lays out the risks of exploring Mars and considers how to mitigate them.

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10.27.2005 - Spooky Astronomy

Looking Up: Halloween 2005 is the Night of Mars. But that's not the only reason it's a big night for astronomers.

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10.26.2005 - An Odd List of Body Parts

Astronauts: Researchers are making a list: Which parts of an astronaut are most sensitive to solar flares? The answer might surprise you.

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- 10.21.2005 - How is a Rocket like a Guitar?**
Science Education: Guitars and rockets have a lot in common, but what's good for a musician might spell trouble for an astronaut.
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- 10.14.2005 - Building a Better Rocket Engine**
Propulsion: Engineers have found a way to boost the performance of liquid fueled rockets. The secret is in the plumbing.
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- 10.7.2005 - Who's Afraid of a Solar Flare?**
Space Weather: Strange, but true: Solar flares can be good for astronauts.
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- 10.4.2005 - The Da Vinci Glow**
The Moon: Five hundred years ago, Leonardo Da Vinci solved an ancient astronomical riddle: the mystery of Earthshine.
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- 9.29.2005 - Serving Earth**
Earth Science: A thousand years ago, Mayan civilization collapsed. Today, a Space Age "situation room" in Panama is helping modern Central Americans avoid the same mistakes.
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- 9.22.2005 - Mars Doubles in Brightness**
Looking Up: The planet Mars, already very bright in the midnight sky, is about to get much brighter.
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- 9.15.2005 - Solar Minimum Explodes**
Space Weather: With a burst of activity on the sun, solar minimum is looking strangely like Solar Max.
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- 9.8.2005 - Radioactive Moon**
The Moon: Astronauts on the Moon are exposed to cosmic rays and solar flares-- and that's not all: the Moon itself can be a source of radiation.
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- 8.30.2005 - Moon Tennis**
The Moon: Humans are heading back to the Moon. Tennis, anyone? Tennis pro Andy Roddick ponders the physics of his game on other worlds.
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- 8.26.2005 - Sunset Planets**
Looking Up: Venus, Jupiter and the crescent Moon are gathering for a beautiful sunset sky show.
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- 8.25.2005 - Plastic Spaceships**
NASA Technology: A new "designer material" derived from the plastic of household trash bags could help protect astronauts on their way to Mars.
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- 8.12.2005 - Floating Back to School**
Science Education: High school students and teachers are going to get a taste of astronaut training this fall. Would you like to join them?
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- 8.10.2005 - Crackling Planets**
Mars Exploration: Astronauts on the Moon and Mars are going to have to cope with an uncommon amount of static electricity.
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- 8.5.2005 - Prozac for Plants**
Fundamental Biology: How do you get plants to grow on Mars? Step One: relieve their anxiety.
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- 8.4.2005 - Shuttle Sightings**
Looking Up: Sky watchers, be alert: the space shuttle Discovery and the International Space Station are going to fly in tandem over parts of the United States this weekend.
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- 7.29.2005 - 10th Planet Discovered**
Planetary Astronomy: Astronomers have found a new world bigger than Pluto in the outer reaches of the solar system.
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- 7.27.2005 - The Next Giant Leap**
NASA Technology: The next big thing is small: Nanotechnology could lead to radical improvements in space exploration.
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- 7.22.2005 - The 2005 Perseid Meteor Shower**
Looking Up: The planet Mars joins the Perseid meteor shower for a beautiful display on August 12th.
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- 7.14.2005 - The Devils of Mars**
Mars Exploration: When humans visit Mars, they'll have to watch out for towering electrified dust devils.
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- 7.11.2005 - Abandoned Spaceships**
Astronauts: For the first time since the 1970s, a NASA spacecraft will get clear pictures of Apollo relics on the Moon.
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- 7.7.2005 - Beware the Mars Hoax**
Looking Up: There's a rumor going around about Mars: It's racing toward Earth and soon to be as large ... as the full Moon?
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- 6.28.2005 - Deep Impact**
Comets: On the 4th of July, a NASA spacecraft will blast a hole in Comet Tempel 1.
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- 6.24.2005 - A Force Field for Astronauts?**
Astronauts: Scientists are reviving an old but wild idea to protect astronauts from space radiation.
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- 6.22.2005 - Spectacular Conjunction**
Looking Up: Mercury, Venus and Saturn are converging for a spectacular close encounter this weekend.
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- 6.20.2005 - Summer Moon Illusion**
Looking Up: The lowest-hanging full moon in 18 years is going to play tricks on your brain this week.
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- 6.10.2005 - A New Kind of Solar Storm**
Space Weather: Going to the Moon? Be careful. A new kind of solar storm can take you by surprise.
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- 6.3.2005 - NASA Naps**
Fundamental Biology: NASA-supported sleep researchers are learning new and surprising things about naps.
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- 5.27.2005 - Approaching Mars**
Mars Exploration: Earth and Mars will have a breathtaking close encounter in October 2005.
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- 5.24.2005 - A Hitchhiker's Guide to the Moon**
The Moon: NASA plans to put a laser in orbit around the Moon to map its surface for future explorers.
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- 5.13.2005 - Friday the 13th, 2029**
Asteroids: Asteroid 2004 MN4 will come scarily close to Earth on April 13, 2029, but it will not hit.
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- 5.9.2005 - Mysterious Cancer**
Fundamental Biology: Researchers agree that space radiation can cause cancer. They're just not sure how.
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- 5.5.2005 - Solar Myth**
Space Weather: With solar minimum near, the sun continues to be surprisingly active. New data show that powerful explosions can happen even during the lowest ebb of the sunspot cycle.
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- 4.28.2005 - Prospecting for Lunar Water**
The Moon: Settling alien worlds is thirsty work. So before sending people back to the Moon, NASA plans to send a robot first to hunt for water.
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- 4.22.2005 - Don't Breathe the Moondust**
The Moon: When Humans return to the Moon and travel to Mars, they'll have to be careful of what they inhale.
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- 4.20.2005 - A Solar Eclipse on The Moon**
The Moon: There's going to be a marvelous solar eclipse on April 24th. One small problem: you have to fly to the Moon to see it.
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- 4.14.2005 - Moon Water**
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- The Moon:* Come and get it? Some researchers believe there's water on the Moon in reach of human explorers.
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- 4.1.2005 - Solar Eclipse**
- Looking Up:* On April 8th in North America crescent-shaped sunbeams will dapple the ground during a partial solar eclipse.
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- 3.30.2005 - Moon Fountains**
- The Moon:* When astronauts return to the Moon in the years ahead, they might encounter electrified fountains and other strange things.
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- 3.28.2005 - Picking on Einstein**
- Fundamental Physics:* By measuring the shape of space with exquisite precision, NASA's Gravity Probe B aims to confirm Einstein's theory of relativity ... or provide the first evidence against it.
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- 3.23.2005 - Was Einstein a Space Alien?**
- Fundamental Physics:* One hundred years ago, Albert Einstein stunned physicists with his out-of-this-world ideas.
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- 3.21.2005 - NASA on your iPod**
- Science Education:* Using an iPod or any portable MP3 player, you can now explore the Universe while driving, jogging, waiting in line ... just about anywhere. It's easy: tune in to the Science@NASA podcast.
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- 3.18.2005 - En Route to Mars, The Moon**
- The Moon:* Why colonize the Moon before going to Mars? NASA scientists give their reasons.
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- 3.9.2005 - Cutting Edge Physics for Us All**
- Science Education:* In April, people from all walks of life are invited to join top scientists at a unique conference to discuss the mysteries of modern physics.
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- 2.25.2005 - Rainbows on Titan**
- Planetary Exploration:* Saturn's moon Titan is wet, according to the ESA's Huygens probe, but Titan's "water" is not like Earth's.
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- 2.17.2005 - Blue Skies on Saturn**
- Planetary Exploration:* NASA's Cassini spacecraft has discovered another world with blue skies: Saturn.
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- 2.16.2005 - Ultrasound for Astronauts**
- Astronauts:* Far away from doctors and hospitals, astronauts in space are learning to give themselves checkups using ultrasound.
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- 2.10.2005 - Brain Bites**
- Science Education:* How do you go to the bathroom in space? Amusing one-minute videos from NASA answer some of the questions about space you were afraid to ask.
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- 1.31.2005 - The Sands of Mars**
- Mars Exploration:* Driving, digging, mining: these are things astronauts will be doing one day in the sands of Mars. It's not as simple as it sounds.
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- 1.27.2005 - Sickening Solar Flares**
- Space Weather:* The biggest solar proton storm in 15 years erupted last week. NASA researchers discuss what it might have done to someone on the Moon.
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- 1.16.2005 - Sights and Sounds of Titan**
- Planetary Exploration:* The ESA Huygens probe parachuted to Titan on Jan. 14th, landed safely, and transmitted the first sounds and pictures from the surface of Saturn's giant moon.
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- 1.12.2005 - Saturn, all night long**
- Looking Up:* On Thursday, January 13th, Saturn will be 750 million miles from Earth--the closest we get to the ringed planet all year long.
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- 1.10.2005 - How the Earthquake affected Earth**
- Earth Science:* The Dec. 26th Indonesian megathrust earthquake quickened Earth's rotation and changed our planet's shape.
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- 1.10.2005 - Team Me Up, Scotty**

Astronauts: Can a computer teach humans to interact more successfully with other human beings? NASA-funded researchers are "pushing the envelope" to find out.

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1.5.2005 - Green Comet

Looking Up: On Friday night, January 7th, Comet Machholz visits the Pleiades.

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