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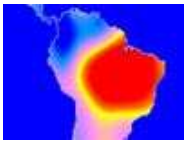
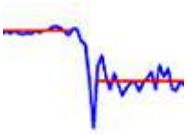
Astronomy

Солнечная система. Подборка материалов

Новости NASA



05.07.2006 NASA Satellites Find Balance in South America's Water Cycle
For the first time, NASA scientists using space-based measurements have directly monitored and measured the complete cycle of water movement for an entire continent.



28.06.2006 NASA Satellite Positioning Software May Aid in Tsunami Warnings
University scientists using Global Positioning System (GPS) software developed by JPL have shown that GPS can determine, within minutes, whether an earthquake is big enough to generate an ocean-wide tsunami.

27.06.2006 NASA's Cassini Spacecraft Marks Mission Halfway Point
As the Cassini spacecraft reaches the halfway mark in its four-year tour of the Saturn system, discoveries made during the first half of the mission have scientists revved up to find out what's in store for the second act.

21.06.2006 NASA's Cassini Spacecraft Captures Saturnian Moon Ballet
The cold, icy orbs of the Saturn system come to life in a slew of new movie clips from the Cassini spacecraft showing the ringed planet's moons in motion.

19.06.2006 Mars Atmosphere Researcher McCleese Named JPL Chief Scientist
The director of NASA's Jet Propulsion Laboratory has appointed Dr. Daniel J. McCleese as the laboratory's chief scientist.

19.06.2006 Pace Quickens for NASA Spacecraft Orbiting Mars
NASA's newest spacecraft at Mars has already cut the size and duration of each orbit by more than half, just 11 weeks into a 23-week process of shrinking its orbit.

06.06.2006 First Images From NASA'S Cloudsat Have Scientists Sky-High
The first images from NASA's new CloudSat satellite are already revealing never-before-seen 3-D details about clouds.

05.06.2006 Andromeda Adrift in Sea of Dust in New NASA Image
The Andromeda galaxy, named for the mythological princess who almost fell prey to a sea monster, appears tranquil in a new image from NASA's Spitzer Space Telescope.

31.05.2006 NASA-Funded Study Says Saturn's Moon Enceladus Rolled Over
Saturn's moon Enceladus – an active, icy world with an unusually warm south pole - may have performed an unusual trick for a planetary body. New research shows Enceladus rolled over, literally, explaining why the moon's hottest spot is at the south pole.

25.05.2006 JPL Announces New Explorer School Partnerships
Students from two San Diego schools will expand their knowledge of science and space, thanks to a new partnership with NASA's Jet Propulsion Laboratory, Pasadena, Calif.

18.05.2006 JPL to Hold Small Business Symposium in Nation's Capital
NASA's Jet Propulsion Laboratory, Pasadena, Calif., will host the 9th Space Science Symposium for Small Business on Monday, June 5, at the Sheraton National Hotel in Arlington, Va.

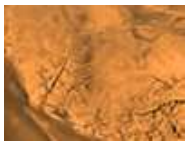
10.05.2006 Spitzer Telescope Sees Trail of Comet Crumbs
NASA's Spitzer Space Telescope has snapped a picture of the bits and pieces making up Comet 73P/Schwassman-Wachmann 3, which is continuing to break apart on its periodic journey around the sun.

09.05.2006 Tibet Provides Passage for Chemicals to Reach the Stratosphere
NASA and university researchers have found that thunderstorms over Tibet provide a main pathway for water vapor and chemicals to travel from the lower atmosphere, where human activity directly affects atmospheric composition, into the stratosphere, where the protective ozone layer resides.

09.05.2006 Spitzer Scientist to Give Prestigious Darwin Lecture
Dr. Michael Werner, project scientist of NASA's Spitzer Space Telescope, has been selected to give the Royal Astronomical Society's distinguished 2006 George Darwin Lecture.

08.05.2006 JPL Open House: An Invitation to Explore New Worlds
NASA's Jet Propulsion Laboratory in Pasadena, Calif., invites the public to "Explore New Worlds" without leaving Southern California.

04.05.2006 Cassini Offers New Hints on Length of Saturn Day
We all know Earth rotates every 24 hours, but scientists have long had difficulty pinpointing how long the day is on Saturn.



04.05.2006 NASA and Partners Release New Movies Of Titan
New views of the most distant touchdown ever made by a spacecraft are being released today by NASA, the European Space Agency and the University of Arizona.

28.04.2006 NASA Launches Satellites for Weather, Climate, Air Quality Studies
Two NASA satellites were launched Friday from Vandenberg Air Force Base, Calif., on missions to reveal the inner secrets of clouds and aerosols, tiny particles suspended in the air.

26.04.2006 Pieces of NASA's Next Mars Mission are Coming Together
NASA's Phoenix Mars Lander, the next mission to the surface of Mars, is beginning a new phase in preparation for a launch in August 2007.

26.04.2006 Galaxies Don Mask of Stars in New Spitzer Image
A pair of dancing galaxies appears dressed for a cosmic masquerade in a new image from NASA's Spitzer Space Telescope.

13.04.2006 NASA Technology Spawns Weather, Climate Satellite Constellation
A globe-spanning constellation of six weather and climate research satellites based on a novel application of NASA-developed technology is set to launch from Vandenberg Air Force Base, Calif., Friday, April 14.

13.04.2006 Mars Cameras Debut as NASA Craft Adjusts Orbit
Researchers today released the first Mars images from two of the three science cameras on NASA's Mars Reconnaissance Orbiter.

12.04.2006 NASA Mars Rovers Head for New Sites After Studying Layers
NASA's Mars rover Spirit has reached a safe site for the Martian winter, while its twin, Opportunity, is making fast progress toward a destination of its own.

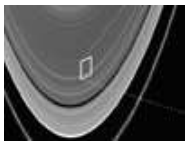
11.04.2006 NASA Joins Partners for Ocean Surface Topography Mission
NASA has signed an agreement with other U.S. and international agencies to launch the Ocean Surface Topography Mission in 2008.

10.04.2006 Cassini-Huygens Team Receives Space Award
The Cassini-Huygens mission team, which has captured the most detailed views ever of Saturn and its myriad of moons, was honored with an Aerospace Laurel award by the editors of Aviation Week & Space Technology magazine.

06.04.2006 NASA Picks Contractor to Chill Space Telescope Instrument
NASA has awarded a subcontract to Northrop Grumman Space Technology in Redondo Beach, Calif., to develop an ultra-cold mechanical helium cryocooler for the Mid-Infrared Instrument on the James Webb Space Telescope.

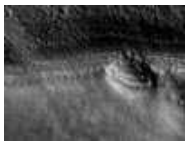
05.04.2006 NASA's Spitzer Finds Hints of Planet Birth Around Dead Star
NASA's Spitzer Space Telescope has uncovered new evidence that planets might rise up out of a dead star's ashes.

31.03.2006 NASA's Mars Reconnaissance Craft Begins Adjusting Orbit
NASA's Mars Reconnaissance Orbiter yesterday began a crucial six-month campaign to gradually shrink its orbit into the best geometry for the mission's science work.

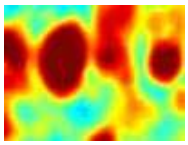


29.03.2006 Cassini Finds 'Missing Link' Moonlet Evidence in Saturn's Rings
Scientists with NASA's Cassini mission have found evidence that a new class of small moonlets resides within Saturn's rings. There may be as many as 10 million of these objects within one of Saturn's rings alone.

28.03.2006 Students Win Robotics Basketball Tournament
It may not be the final four, but it's definitely an exciting time for some Southern California high school students who won a regional game of robotics basketball.



24.03.2006 NASA's New Mars Orbiter Returns Test Images
The first test images of Mars from NASA's newest spacecraft provide a tantalizing preview of what the orbiter will reveal when its main science mission begins next fall.



20.03.2006 Scientists Use Satellites to Help Detect Deep-Ocean Whirlpools
Marine scientists have figured out a way to see through the ocean's surface and detect what's below, with the help of satellites.

17.03.2006 Mars Rovers Get New Manager During Challenging Period
NASA's long-lived Mars rovers demand lots of care as they age and the Martian winter approaches.

16.03.2006 Galaxy on Fire! NASA's Spitzer Reveals Stellar Smoke
Where there's smoke, there's fire - even in outer space.

15.03.2006 NASA Announces Solar System Ambassadors Class of 2006
Solar System Ambassadors are JPL-trained volunteers who share the wonders of space exploration with their communities. Each ambassador agrees to conduct at least four public outreach events during the year.

13.03.2006 Years of Observing Combined Into Best-Yet Look at Mars Canyon
A new view of the biggest canyon in the solar system, merging hundreds of photos from NASA's Mars Odyssey orbiter, offers scientists and the public an online resource for exploring the entire canyon in detail.

10.03.2006 Robotic NASA Craft Begins Orbiting Mars for Most-Detailed Exam
With a crucially timed firing of its main engines today, NASA's new mission to Mars successfully put itself into orbit around the red planet.

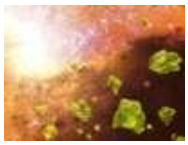
09.03.2006 NASA's Cassini Discovers Potential Liquid Water on Enceladus
NASA's Cassini spacecraft may have found evidence of liquid water reservoirs that erupt in Yellowstone-like geysers on Saturn's moon Enceladus.

08.03.2006 Fast-Talking NASA Spacecraft Starts Final Approach to Mars
NASA's Mars Reconnaissance Orbiter has begun its final approach to the red planet after activating a sequence of commands designed to get the spacecraft successfully into orbit.

02.03.2006 NASA Mission Detects Significant Antarctic Ice Mass Loss
The first-ever gravity survey of the entire Antarctic ice sheet, conducted using data from the NASA/German Aerospace Center Gravity Recovery and Climate Experiment (Grace), concludes the ice sheet's mass has decreased significantly from 2002 to 2005.

24.02.2006 NASA's Next Leap in Mars Exploration Nears Arrival
As it nears Mars on March 10, a NASA spacecraft designed to examine the red planet in unprecedented detail from low orbit will point its main thrusters forward, then fire them to slow itself enough for Mars' gravity to grab it into orbit.

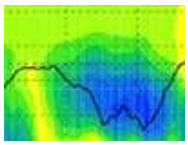
16.02.2006 Greenland Ice Loss Doubles in Past Decade, Raising Sea Level Faster
The loss of ice from Greenland doubled between 1996 and 2005, as its glaciers flowed faster into the ocean in response to a generally warmer climate, according to a NASA/University of Kansas study.



15.02.2006 NASA's Spitzer Finds Violent Galaxies Smothered in 'Crushed Glass'
NASA's Spitzer Space Telescope has observed a rare population of colliding galaxies whose entangled hearts are wrapped in tiny crystals resembling crushed glass.

14.02.2006 Local Teachers Fly Experiments on NASA's 'Weightless Wonder'
Teachers from two Southern California schools are taking their experiments out of the classroom and into NASA's "Weightless Wonder," a flying microgravity laboratory.

08.02.2006 NASA's Spitzer Uncovers Hints of Mega Solar Systems
NASA's Spitzer Space Telescope has identified two huge "hypergiant" stars circled by monstrous disks of what might be planet-forming dust.

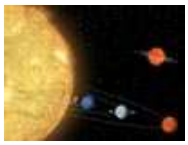


02.02.2006 Scientists Surf the Seas of Space to Catch an Atmospheric Wave
A study by NASA and university scientists is shedding new light on a mysterious, cyclical wave in Earth's atmosphere that at times profoundly affects our planet's weather and climate.

30.01.2006 Stardust Mission Status Report
NASA's Stardust spacecraft was placed into hibernation mode yesterday.

24.01.2006 Mars Rovers Advance Understanding of the Red Planet
NASA's Mars rovers, Spirit and Opportunity, have been working overtime to help scientists better understand ancient environmental conditions on the red planet.

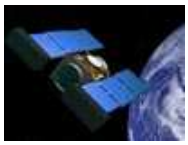
18.01.2006 Scientists Confirm Comet Samples; Briefing Set For Thursday
Scientists have confirmed that particles from a comet and interstellar dust have been returned to Earth by NASA's Stardust mission.



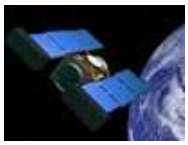
18.01.2006 JPL Hosts Public Hearing on Math and Science Education
NASA's Jet Propulsion Laboratory in Pasadena, Calif., where numbers, engineering and science create magical missions to planets, comets and other space destinations, will host a state hearing on math and science education. California lawmakers, educators, and an astronaut will testify.

18.01.2006 JPL to Hold High-Tech Conference for Small Business
NASA's Jet Propulsion Laboratory in Pasadena, Calif., will host the 18th annual High-Tech Conference for Small Business on March 7 and 8, at the Westin Hotel located near Los Angeles International Airport.

15.01.2006 NASA's Comet Tale Draws to a Successful Close in Utah Desert
NASA's Stardust sample return mission returned safely to Earth when the capsule carrying cometary and interstellar particles successfully touched down at 2:10 a.m. Pacific time (3:10 a.m. Mountain time) in the desert salt flats of the U.S. Air Force Utah Test and Training Range.



14.01.2006 NASA's Stardust Passes Moon, Just Hours Away From Earth Return
Less than one day of space travel separates Earth and history's first comet sample return mission.



12.01.2006 NASA's Comet Hunter on Final Approach for Sunday Landing
NASA's Stardust mission return capsule will land Sunday, Jan. 15, on the Utah Test and Training Range.

11.01.2006 NASA's Spitzer Finds Possible Comet Dust Around Dead Star
NASA's Spitzer Space Telescope has spotted what may be comet dust sprinkled around the white dwarf star G29-38, which died approximately 500 million years ago.

11.01.2006 Cartwheel Galaxy Makes Waves in New NASA Image
A new image from NASA's Galaxy Evolution Explorer completes a multi-wavelength, neon-colored portrait of the enormous Cartwheel galaxy after a smaller galaxy plunged through it, triggering ripples of sudden, brief star formation.

10.01.2006 Spitzer Captures Our Galaxy's Bustling Center
A new infrared mosaic from NASA's Spitzer Space Telescope offers a stunning view of the stellar hustle and bustle that takes place at our Milky Way galaxy's center.

05.01.2006 Stardust Maneuvers Into Rendezvous Path With Earth
Ten days before its historic return to Earth with the first-ever samples from a comet, NASA's Stardust spacecraft successfully performed its 18th flight path adjustment.

05.01.2006 NASA's Topex/Poseidon Oceanography Mission Ends
The joint NASA/Centre National d'Etudes Spatiales Topex/Poseidon oceanography satellite ceased operations after nearly 62,000 orbits of Earth.

IB/NEWS

07.08.2005 Список радиостанций Санкт-Петербурга и других городов можно увидеть здесь

27.03.2005 Новый дизайн сайта

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