

Our solar system has eight planets, and five dwarf planets - all located in an outer spiral arm of the Milky Way galaxy called the Orion Arm. ... NASA explores the unknown in air and space, innovates for the benefit of humanity, and inspires the world through discovery. About NASA's Mission; Join Us. Home;

2 days ago; Gallery of NASA Solar System Images. Glorious planets and moons to view or print. explore; Voyager 1 and 2: The Interstellar Mission. These spacecraft traveled to the outer planets! explore; High Tide on IO! What do you get when you cross an earthquake with a tidal wave? explore; Play Solar System Switch-a-Roo! Put clues together to find the ...

These six narrow-angle color images were made from the first ever "portrait" of the solar system taken by Voyager 1, which was more than 4 billion miles from Earth and about 32 degrees above the ecliptic. The spacecraft acquired a total of 60 frames for a mosaic of the solar system which shows six of the planets.

The solar system has eight planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. There are five officially recognized dwarf planets in our solar system: Ceres, Pluto, Haumea, Makemake, and Eris. Get the Facts.

Image credit: NASA/JPL-Caltech/MSSS > Full image and caption. NASA Planetary Science Highlights: 2021 Feature ... It was the closest a spacecraft had passed by the solar system's largest natural satellite since the Galileo mission in 2000. Along with striking imagery, Juno's flyby yielded insights into the moon's composition, ionosphere ...

James Webb Space Telescope - Science images James Webb Space Telescope - Outreach Designated Northwest Africa (NWA) 7034, and nicknamed "Black Beauty," the Martian meteorite weighs approximately 11 ounces (320 grams).

NASA's Jet Propulsion Laboratory, the leading center for robotic exploration of the solar system. ... Our solar system features eight planets, seen in this artist's diagram. This representation is intentionally fanciful, as the planets are depicted far closer together than they really are. ... Image Policy. FAQ. Feedback. Version: v3.0.24 -

Our solar system is in one of the Milky Way galaxy's spiral arms called the Orion Spur. 5. A Long Way Around Our solar system takes about 230 million years to orbit the galactic center. 6. Spiraling Through Space The Milky Way is a barred spiral galaxy. 7. Room to Breathe Our solar system has many worlds with many types of atmospheres. 8.

This illustration lays a depiction of the sun's magnetic fields over an image captured by NASA's Solar Dynamics Observatory on... Caption: This image from June 20, 2013, at 11:15 p.m. EDT shows the bright light of a solar flare on...

Voyager 1 was speeding out of the solar system -- beyond Neptune and about 3.7 billion miles (6 billion kilometers) from the Sun -- when mission managers commanded it to look back toward home for a final time. It snapped a series of 60 images that were used to create the first "family portrait" of our solar system.

6 days ago&#0183; Gallery of NASA Solar System Images. Glorious planets and moons to view or print. explore; Gallery of NASA Solar System Images. Glorious planets and moons to view or print. explore; Gallery of NASA Earth Images. View large images or print them. explore; What Is Gravity? Gravity is the force by which a planet or other body draws objects toward ...

Our solar system consists of our star, the Sun, and everything bound to it by gravity - the planets Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune; dwarf planets such as ...

NASA's Jet Propulsion Laboratory, the leading center for robotic exploration of the solar system. JavaScript is required This color image of the sun, Earth and Venus was taken by the Voyager 1 spacecraft Feb. 14, 1990, when it was approximately 32 degrees above the plane of the ecliptic and at a slant-range distance of approximately 4 billion ...

The Solar System &quot;family portrait&quot; is the final series of 60 images captured by NASA's Voyager 1 that show six of our solar system's planets. It remains the first and only time -- so far -- a spacecraft has attempted to photograph our home solar system. Only three spacecraft have been capable of making such an observation from such a distance: Voyager 1, Voyager ...

This narrow-angle color image of the Earth, dubbed "Pale Blue Dot", is a part of the first ever "portrait" of the solar system taken by Voyager 1. This data visualization uses actual spacecraft trajectory data to show the family portrait image from Voyager 1's perspective in February 1990.

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Credit: NASA Planetary Photojournal Our solar system formed about 4.5 billion years ago from a dense cloud of interstellar gas and dust. The cloud collapsed, possibly due to the shockwave of a nearby exploding star, called a supernova. When this dust cloud collapsed, it formed a solar nebula - a spinning, swirling disk of material.

NASA has revamped its "Eyes on the Solar System" 3D visualization tool, making interplanetary travel easier and more interactive than ever. More than two years in the making, the update delivers better controls, improved navigation, and a host of new opportunities to learn about our incredible corner of the cosmos - no spacesuit required.

NASA Images. NASA has always told its story through its images, a few of which have become icons of human history. Today ... Publicly released images from several solar system exploration programs. Faces of NASA. The Faces of NASA series combines stunning portraiture with interviews of NASA's workforce. Astronaut Selfies.

Eyes on the Solar System: A real-time visualization of our solar system using planetary science data. The Near-Earth Object (NEO) Surveyor is an infrared space telescope being built to help advance NASA's planetary defense efforts -- the first space telescope specifically designed to hunt asteroids and comets that may be potential hazards to Earth.

This video uses images from NASA's Juno mission to recreate what it might have looked like to ride along with the Juno spacecraft as it performed its 27th close flyby of Jupiter on June 2, 2020. ... two decades earlier, and brought Juno within about 930 miles (1,500 kilometers) of Io, the most volcanic world in our solar system. This image ...

The Solar System; The Universe; Science; Aeronautics; Technology; Learning Resources; About NASA; Espa&#241;ol; News & Events; ... The NASA Image and Video Library website consolidates imagery spread across more than 60 collections of over 140,000 NASA images, videos and audio files. These multimedia files come from across the agency's many ...

NASA's MESSENGER spacecraft has constructed the first portrait of our solar system by combining 34 images taken by the spacecraft's Wide Angle Camera on Nov. 3 and 16, 2010. The mosaic, pieced together over a period of a few weeks, comprises all of the planets except for Uranus and Neptune, which were too faint to detect.

Our solar system is made up of a star--the Sun--eight planets, more than 140 moons, a bunch of comets, asteroids and space rocks, ice, and several dwarf planets, such as Pluto.

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Psyche Raw Images This gallery contains the full record of the Psyche spacecraft's raw images. Currently, the spacecraft is on its way to its destination, asteroid Psyche. The images taken during the cruise phase of the mission mostly show star fields, and occasionally a planet - like Jupiter - that will look like a distant star. More about raw ...

Explore NASA's media galleries to view and download high-resolution images of the solar system, agency missions, and more. Discover the cosmos! Each day a different image or photograph of our fascinating

universe is featured, along with a brief explanation written by a professional astronomer.

Latest Images - 2024 Webb's most recent images released by NASA in 2024, displayed in reverse chronological order. The image below is a SLIDESHOW. Hover over the image to see the image title and controls. Click the image to go to a detail page with more info and the ability to download the image at [...]

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Raw images are photos from space missions that NASA provides online for easy public access in their original (usually monochrome) appearance, largely untouched by image processing software. Raw images, in this context, are generally not the same as truly "raw" science data - meaning the original image data format returned to Earth by spacecraft.

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