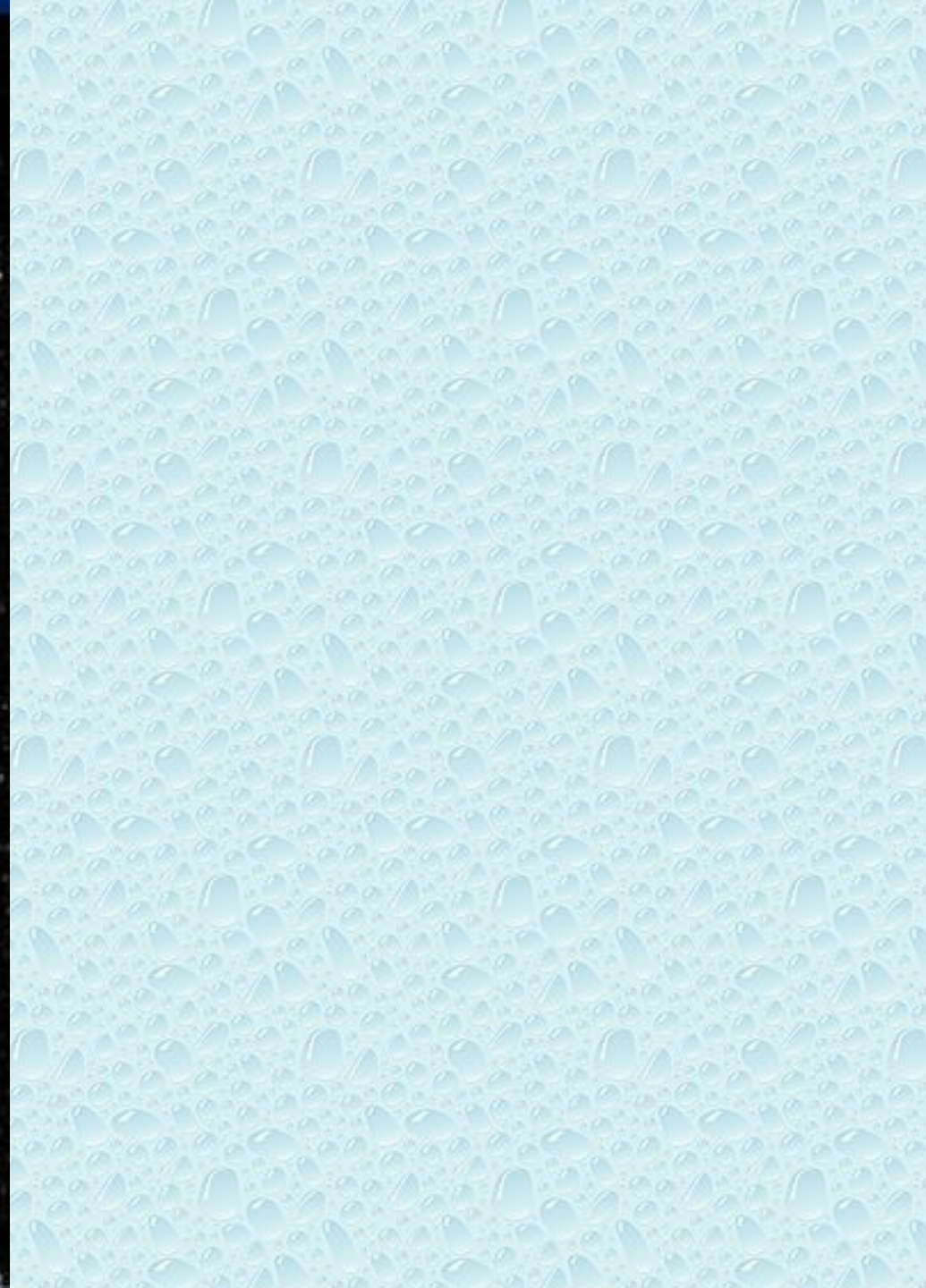


APPLICATIONS OF SPACE TECHNOLOGY



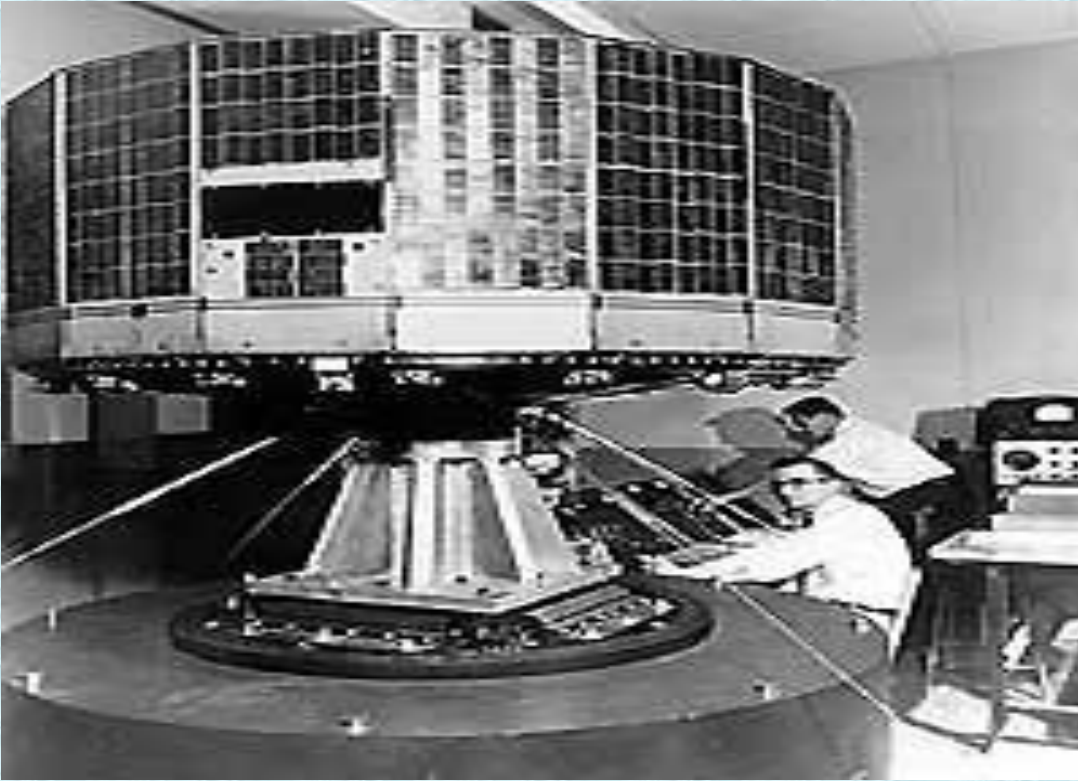
Satellite

Satellite is an object that orbit around another bigger object in the space

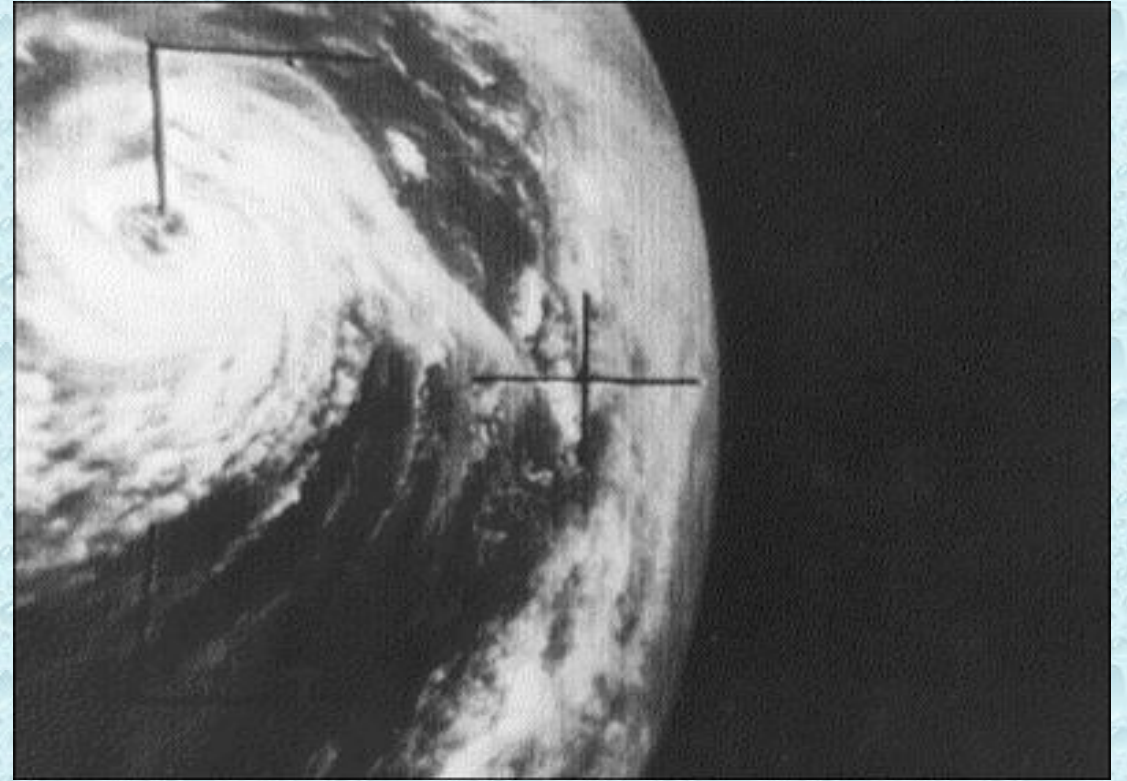
Two different types of satellites

- Natural (e.g., earth and moon)
- Man-made

History Of Meteorological Satellites

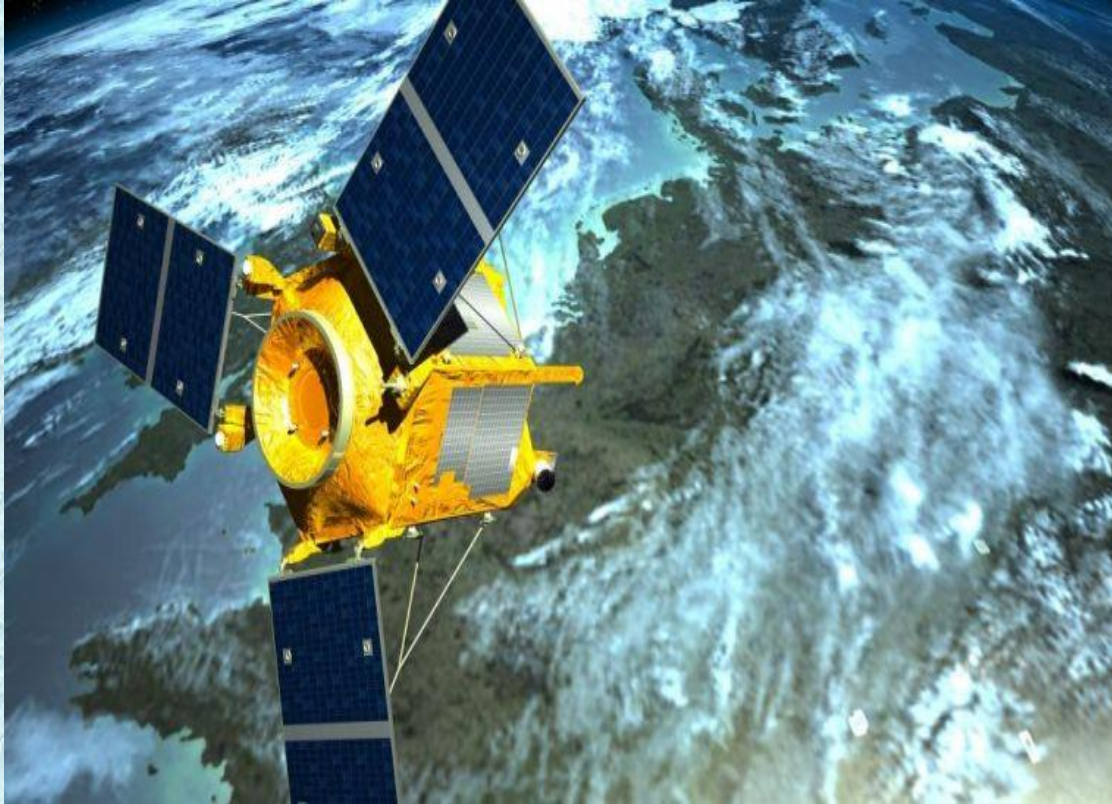


TIROS-1 Satellite.

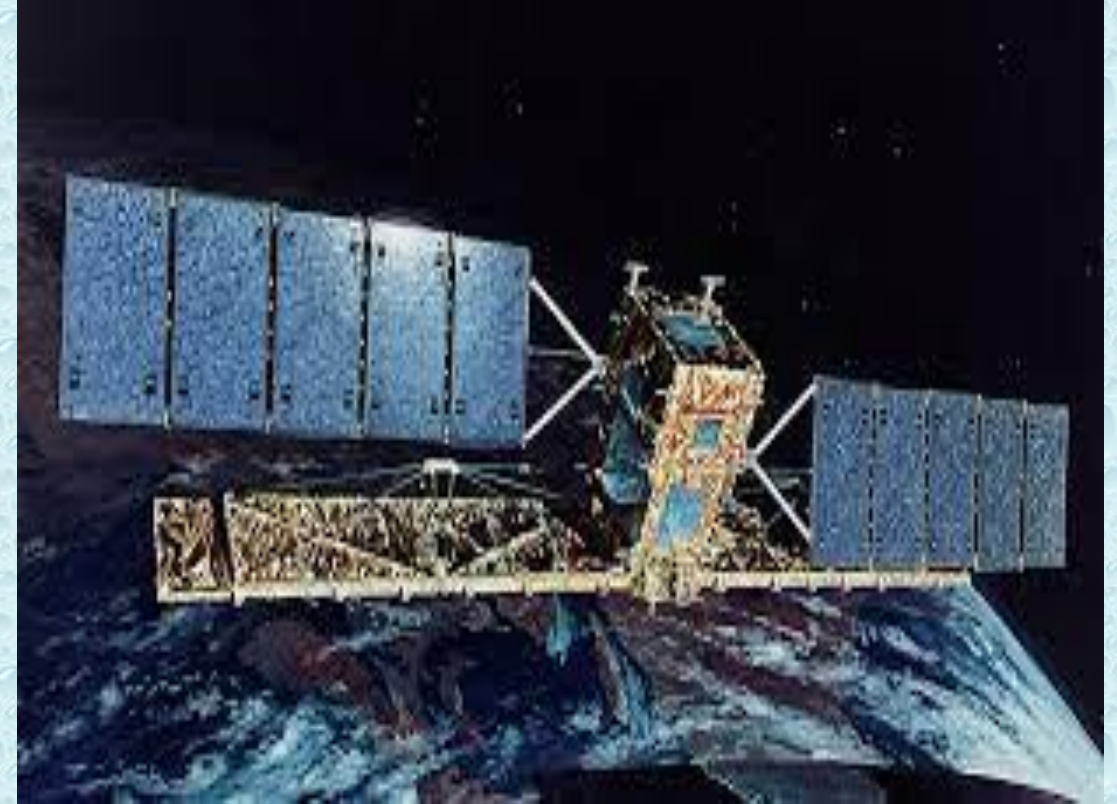


TIROS-7 image of a mid-latitude cyclone off the coast of New Zealand, August 24, 1964.

Meteorological Satellites



SPOT SATELLITE



RADARSAT-1



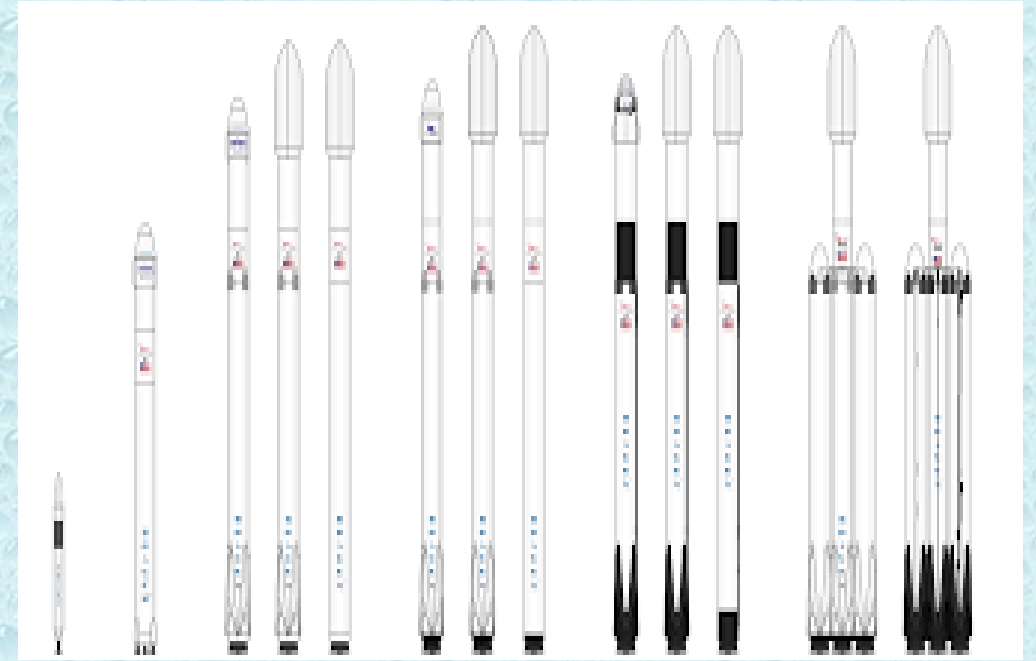
Global Navigation Satellite System And Global Positioning System



Elon Musk

SPACE X

SpaceX is arguably the most well-known private space company. The company has created a ton of hype since it was **founded in 2002 by billionaire entrepreneur Elon Musk.**



SpaceX's family of falcon launch vehicles

LANDING

Landing - SpaceX's family of Falcon launch vehicles are the first and only orbital class rockets capable of reflight.



William Boeing

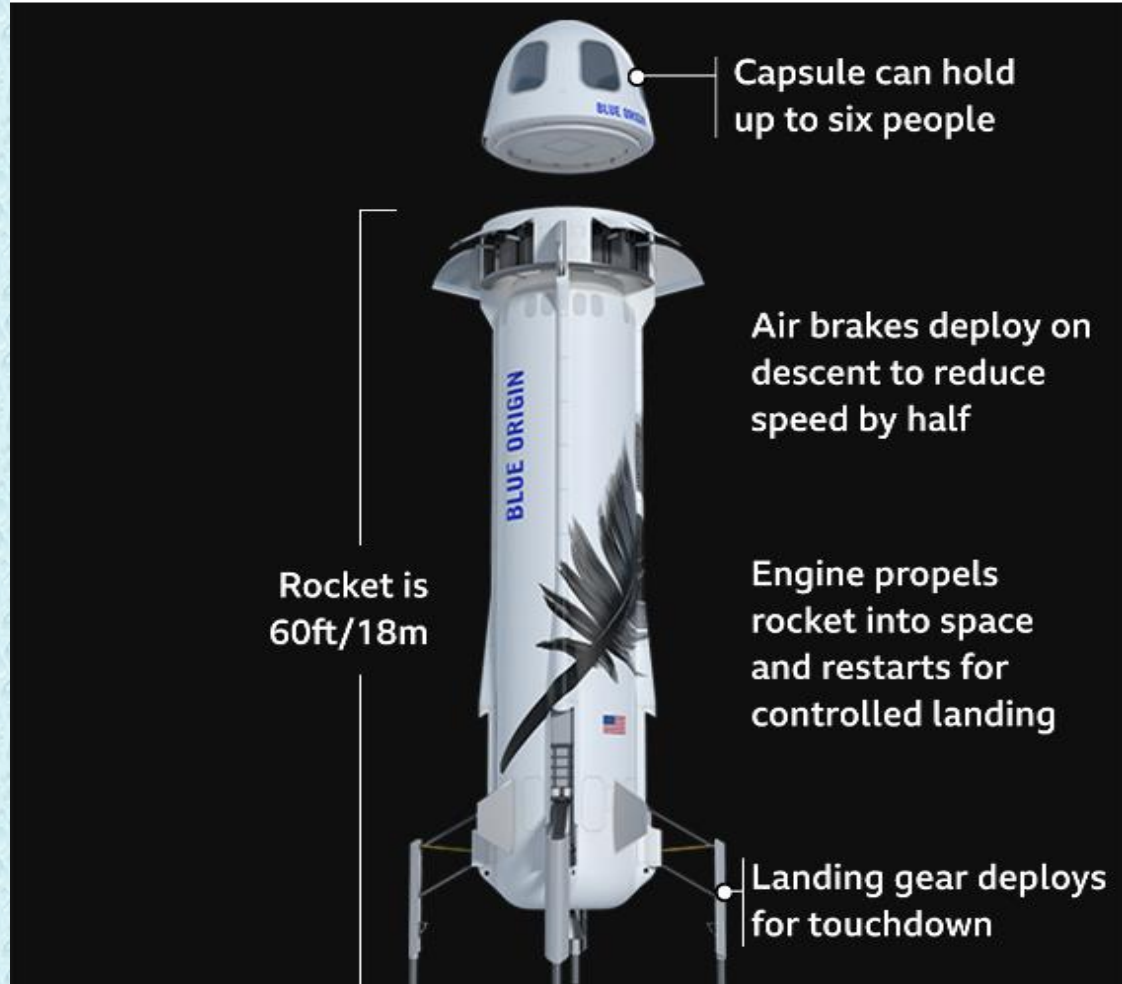
Boeing is the world's largest aerospace company and leading manufacturer of commercial jetliners, defense, space and security systems, and service provider of after-market support



Jeff Bezos

Blue Origin has not sought public attention in the same way as SpaceX. **Founded by Amazon founder Jeff Bezos in 2000**, Blue Origin aims to provide access to space to private individuals.

New Shepard: Reusable rocket designed to take passengers into space



New Shepard



New Glenn



Richard Branson

Richard Branson's Virgin Galactic, founded in 2004, is an extension of the Virgin brand into the space tourism industry. **The goal of this venture is to fly private citizens into space.**



Franklin Chang Diaz

Ad Astra Rocket Company Founded in 2005, The President and CEO of Ad Astra Rocket Company is retired astronaut, **Dr. Franklin Chang Díaz.**



Eren Ozmen and Faith Ozmen

Eren Ozmen is Chairwoman and President of Sierra Nevada Corporation (SNC), the global aerospace and national security leader based in Sparks, Nevada.



Logo of Lockheed Martin

Lockheed Martin Corporation is an American aerospace, defense, arms, security, and advanced technologies company with worldwide interests.



Logo of Northrop Grumman

Aerospace Systems, headquartered in Redondo Beach, California, produces aircraft, spacecraft, high-energy laser systems and microelectronics for the U.S. and other nations.



Logo of XCOR Aerospace

The company **was founded in Mojave, California in 1999 by Jeff Greason, Dan DeLong, Aleta Jackson and Doug Jones** who had previously worked at the Rotary Rocket company.



Logo of Made Inspace

Made in space **mission is to develop state-of-the-art space manufacturing technology to support exploration, national security, and sustainable space settlement.**



Logo of Airbus

Airbus Industries, European aircraft-manufacturing consortium **formed in 1970** to fill a market niche for short- to medium-range, high-capacity jetliners.

Thank You

