Goddard Space Flight Center
NASA Goddard Space Flight Center

- NASA’s first Space Flight Center (established 1959)
- We TRANSFORM Human Understanding of Earth and Space
- Largest Collection of Scientists & Engineers in the U.S.
- Nearly 300 successful missions including the World’s First Weather Satellite and the Hubble Space Telescope
- 2006 Nobel Prize in Physics [Big Bang/Cosmic Background]
- Hubble Supported 2011 Nobel Prize in Physics
- WMAP Team Awarded 2012 Gruber Prize for Cosmology
Our Facilities

- GSFC Greenbelt, Maryland
- GSFC Wallops Flight Facility, Virginia
- IV&V Facility, West Virginia
- Goddard Institute for Space Studies, New York
- Ground Stations at White Sands Complex, New Mexico
Our Lines of Business

- Heliophysics
- Astrophysics
- Planetary & Lunar Science
- Earth Science
- Human Exploration & Operations
- Cross Cutting Technology and Capabilities
- Suborbital Platforms
- Communications & Navigation
Our People

Technicians/Other 6%

Clerical 5%

Professional/Administrative 28%

Scientists & Engineers 61%

GSFC Workforce
Total Civil Servants: 3,400
Total Contractors: 6,400
Total Workforce: 9,800
Recent Accomplishments

Robotic Refueling Mission on STS-135

Suomi NPP – Revisiting the Blue Marble

Sample Analysis at Mars Instrument on MSL

Operation Icebridge

NuSTAR Optics
Upcoming Milestones

- Antares test Launch from Wallops 2012
- HS3 Summer 2012
- MSL Landing (SAM instrument) August 2012
- RBSP Launch August 2012
- TDRS K Launch December 2012
- LDCM Launch February 2013
- Numerous Suborbital Missions
- LADEE Launch Summer 2013
- MAVEN Launch November 2013
- GPM Launch February 2014
- MMS Launch October 2014
James Webb Space Telescope
Antares at Wallops
NOAA Reimbursable Projects

JPSS
December 2016

GOES-R
October 2015

DSCOVR
June 2014
GSFC Technology: From Concept to Flight

GSFC develops a diverse portfolio of technologies, tests them on platforms, and integrates them into missions.
It is difficult to say what is impossible...

for the dream of YESTERDAY
is the hope of TODAY
and the reality of TOMORROW.

- Robert H. Goddard (1882 – 1945)