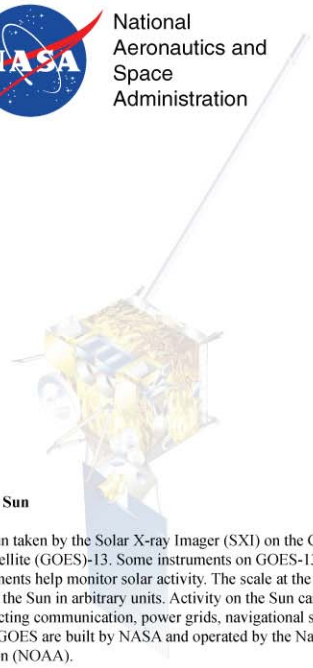
National
Aeronautics and
Space
Administration



GOES-13 X-ray Image of the Sun

This is the first image of the Sun taken by the Solar X-ray Imager (SXI) on the Geostationary Operational Environmental Satellite (GOES)-13. Some instruments on GOES-13 study Earth while the SXI and other instruments help monitor solar activity. The scale at the left of the image shows intensity of X-rays from the Sun in arbitrary units. Activity on the Sun can translate to turbulent "space weather," affecting communication, power grids, navigational systems, satellites, and astronauts. The GOES are built by NASA and operated by the National Oceanic and Atmospheric Administration (NOAA).

GOES Project Homepage
http://goes.gsfc.nasa.gov

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