



NOAA Space Weather Satellite Programs

Continuity of Space Weather Observations



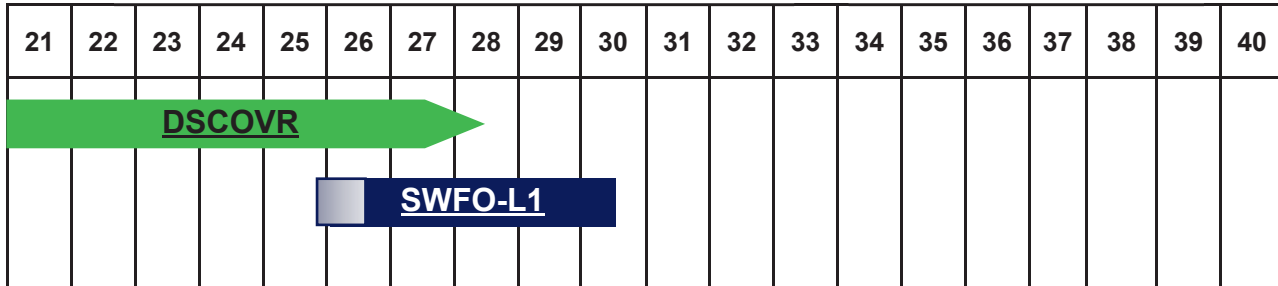
Click a satellite's name for the current status.

As of January 2025

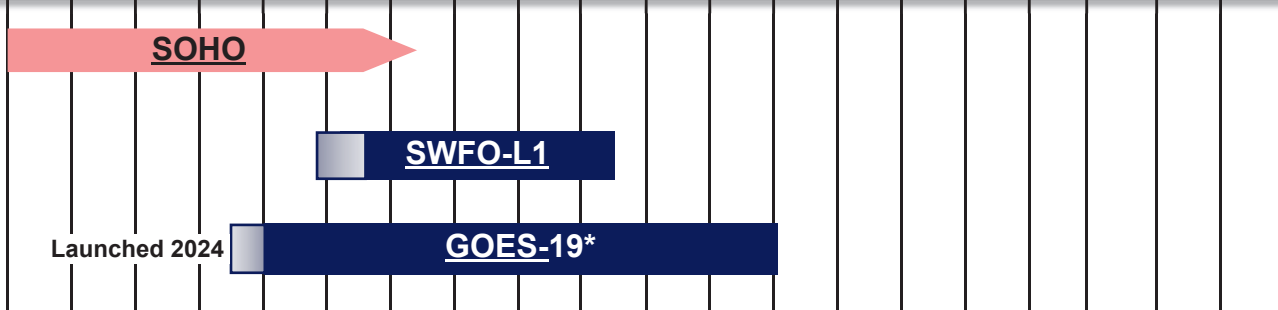
5 Critical Space Weather Observations

Calendar
Year

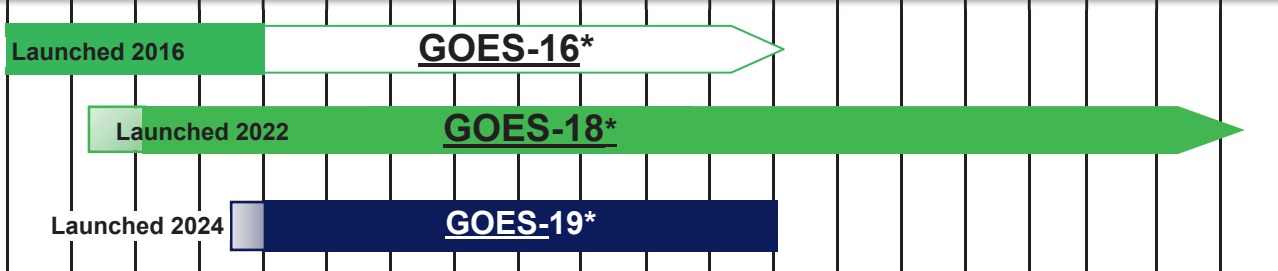
L1 Magnetic Field and
Solar Wind Velocity



Solar Coronal
Imagery



X-Ray Irradiance and
GEO Particle Flux



Key

In-orbit checkout
In-orbit and operational
Partner Mission
In-orbit Storage
Planned mission life
Planned in-orbit checkout

Fiscal
Year

Fiscal Year	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
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Operational satellite extended life estimates (indicated by an arrow) are based on July 2024 reliability analyses (60% confidence) for satellites in orbit for at least one year.

*Includes both Imager instrument and satellite bus reliability with design life specification

GOES: Geostationary Operational Environmental Satellites
DSCOVR: Deep Space Climate Observer
SOHO: Solar Heliospheric Observatory (ESA)

Approved:

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Satellite and Information Services