



# NOAA Space Weather Satellite Programs Continuity of Space Weather Observations



Click a satellite's name for the current status.

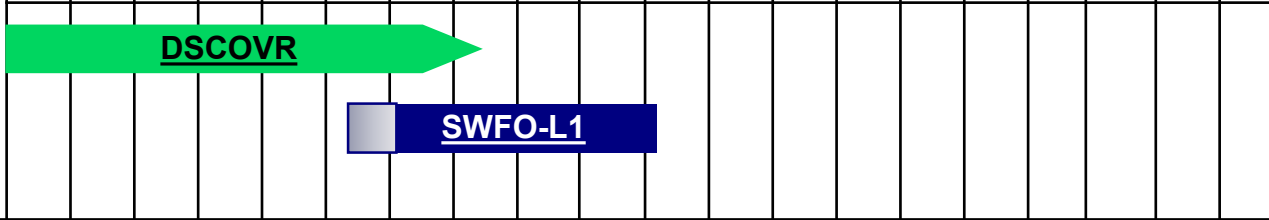
As of February 2024

## 5 Critical Space Weather Observations

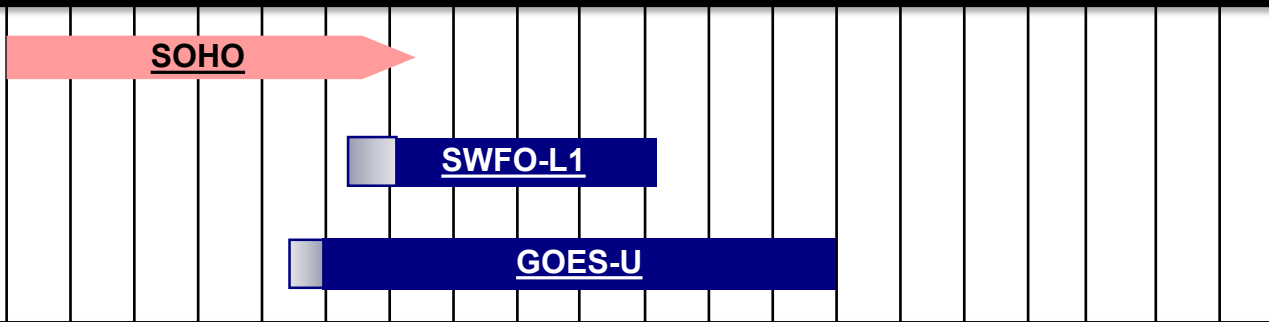
Calendar Year

20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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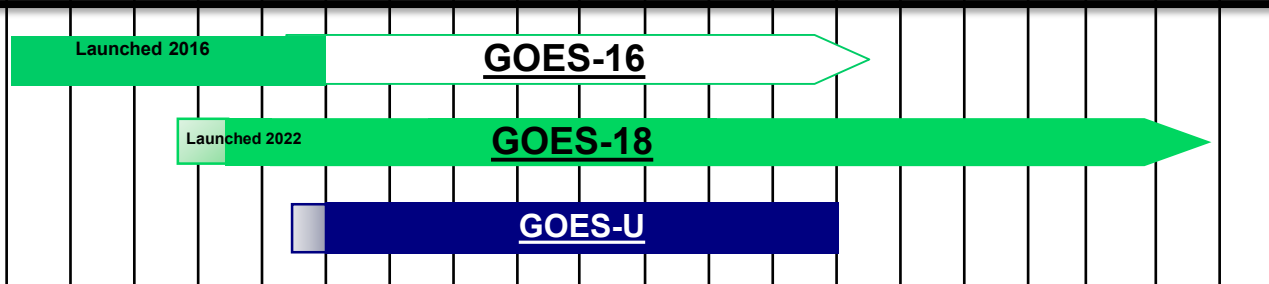
L1 Magnetic Field and Solar Wind Velocity



Solar Coronal Imagery



X-Ray Irradiance and GEO Particle Flux



Fiscal Year

20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Operational satellite extended life estimates (indicated by an arrow) are based on July 2023 reliability analyses (60% confidence) for satellites in orbit for at least one year.

**Key**

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

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

Approved:   
Assistant Administrator for  
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