

NAME: LIVERPOOL TELESCOPE

LOCATION: LA PALMA, CANARY ISLANDS



MIRROR DIAMETER (m): 2

ALTITUDE (m): 2363

FIRST LIGHT (YEAR): 2003

WAVELENGTH (m): 10^{-7}
OPTICAL

Image Credit: The Liverpool Telescope

NAME: NEW ROBOTIC TELESCOPE

LOCATION: LA PALMA, CANARY ISLANDS



MIRROR DIAMETER (m): 4

ALTITUDE (m): 2340

FIRST LIGHT (YEAR): 2026

WAVELENGTH (m): 10^{-7}
OPTICAL

Image Credit: New Robotic Telescope

NAME: ISAAC NEWTON TELESCOPE

LOCATION: LA PALMA, CANARY ISLANDS



MIRROR DIAMETER (m): 2.54

ALTITUDE (m): 2396

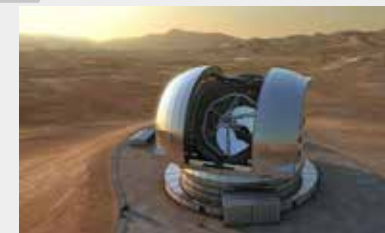
FIRST LIGHT (YEAR): 1984

WAVELENGTH (m): 10^{-7}
OPTICAL

Image Credit: Nik Szymanek

NAME: EUROPEAN EXTREMELY LARGE TELESCOPE

LOCATION: CERRO MACON, CHILE



MIRROR DIAMETER (m): 39.3

ALTITUDE (m): 3046

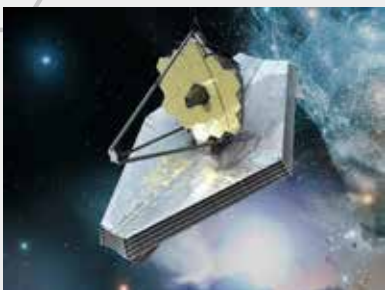
FIRST LIGHT (YEAR): 2025

WAVELENGTH (m): 10^{-6}
OPTICAL/NEAR-INFRARED

Image Credit: ESO

NAME: JAMES WEBB SPACE TELESCOPE

LOCATION: LAGRANGE POINT 2, SPACE



MIRROR DIAMETER (m): 6.5

ALTITUDE (m): 1,500,000,000

FIRST LIGHT (YEAR): 2022

WAVELENGTH (m): 10^{-5}
OPTICAL/MID-INFRARED

Image Credit: ESA/C. Carreau

NAME: HUBBLE SPACE TELESCOPE

LOCATION: LOW EARTH ORBIT, SPACE



MIRROR DIAMETER (m): 2.4

ALTITUDE (m): 500,000

FIRST LIGHT (YEAR): 1990

WAVELENGTH (m): 10^{-6}
OPTICAL

Image Credit: NASA

NAME: JAMES CLERK MAXWELL TELESCOPE

LOCATION: MAUNA KEA, HAWAII, USA



MIRROR DIAMETER (m): 15

ALTITUDE (m): 4092

FIRST LIGHT (YEAR): 1987

WAVELENGTH (m): 10^{-4}
SUB-MILLIMETRE

Image Credit: James Clerk Maxwell Telescope

NAME: LOVELL TELESCOPE

LOCATION: CHESHIRE, UK



MIRROR DIAMETER (m): 76.2

ALTITUDE (m): 77

FIRST LIGHT (YEAR): 1957

WAVELENGTH (m): 10^{-2}
RADIO

Image Credit: Jodrell Bank Manchester University

NAME: LEVIATHAN (BIRR) TELESCOPE

LOCATION: COUNTY OFFALY, IRELAND



MIRROR DIAMETER (m): 1.9
 ALTITUDE (m): 75
 FIRST LIGHT (YEAR): 1845
 WAVELENGTH (m): 10^{-7}
 OPTICAL

Image Credit:

NAME: SPITZER SPACE TELESCOPE

LOCATION: EARTH-TRAILING HELIOCENTRIC ORBIT, SPACE

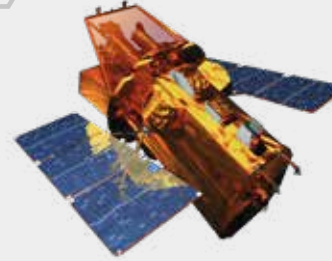


MIRROR DIAMETER (m): 0.85
 ALTITUDE (m): 568,000
 FIRST LIGHT (YEAR): 2003
 WAVELENGTH (m): 10^{-5}
 INFRARED

Image Credit: NASA/JPL-Caltech/R. Hurt

NAME: SWIFT OBSERVATORY ULTRAVIOLET OPTICAL TELESCOPE

LOCATION: LOW EARTH ORBIT, SPACE

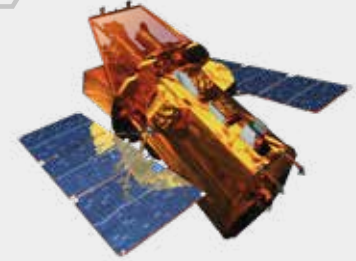


MIRROR DIAMETER (m): 0.3
 ALTITUDE (m): 600,000
 FIRST LIGHT (YEAR): 2004
 WAVELENGTH (m): 10^{-7}
 ULTRAVIOLET/OPTICAL

Image Credit: NASA E/PO, Sonoma State University/Aurore Simonnet

NAME: SWIFT OBSERVATORY BURST ALERT TELESCOPE

LOCATION: LOW EARTH ORBIT, SPACE

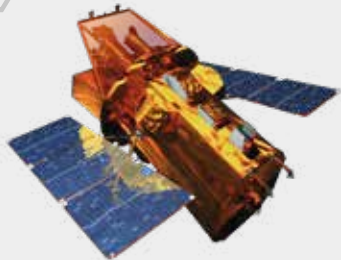


MIRROR DIAMETER (m): 1.2
 ALTITUDE (m): 600,000
 FIRST LIGHT (YEAR): 2004
 WAVELENGTH (m): 10^{-11}
 GAMMA-RAY

Image Credit: NASA E/PO, Sonoma State University/Aurore Simonnet

NAME: SWIFT OBSERVATORY X-RAY TELESCOPE

LOCATION: LOW EARTH ORBIT, SPACE



MIRROR DIAMETER (m): 0.3
 ALTITUDE (m): 600,000
 FIRST LIGHT (YEAR): 2004
 WAVELENGTH (m): 10^{-10}
 X-RAY

Image Credit: NASA E/PO, Sonoma State University/Aurore Simonnet

NAME: ARECIBO RADIO TELESCOPE

LOCATION: ARECIBO, PUERTO RICO



MIRROR DIAMETER (m): 305
 ALTITUDE (m): 497
 FIRST LIGHT (YEAR): 1965
 WAVELENGTH (m): 10^{-2}
 RADIO

Image Credit: NAIC

NAME: SOUTHERN AFRICAN LARGE TELESCOPE

LOCATION: SUTHERLAND, SOUTH AFRICA



MIRROR DIAMETER (m): 11.1
 ALTITUDE (m): 1798
 FIRST LIGHT (YEAR): 2005
 WAVELENGTH (m): 10^{-6}
 OPTICAL/NEAR-INFRARED

Image Credit: Southern African Large Telescope

NAME: X-RAY MULTI-MIRROR MISSION NEWTON TELESCOPE

LOCATION: ECCENTRIC ORBIT, SPACE

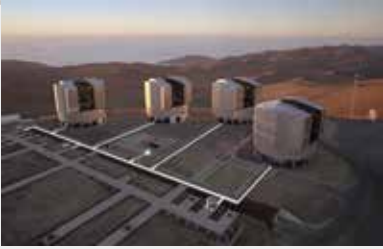


MIRROR DIAMETER (m): 0.7
 ALTITUDE (m): 50,000,000
 FIRST LIGHT (YEAR): 2000
 WAVELENGTH (m): 10^{-9}
 X-RAY

Image Credit: ESA/XMM-Newton

NAME: VERY LARGE TELESCOPE

LOCATION: ATACAMA DESERT, CHILE



MIRROR DIAMETER (m): 32.8

ALTITUDE (m): 2635

FIRST LIGHT (YEAR): 1998

WAVELENGTH (m): 10^{-5}
OPTICAL/NEAR-INFRARED

Image Credit: ESO

NAME: HOBBY-EBERLY TELESCOPE

LOCATION: TEXAS, USA



MIRROR DIAMETER (m): 10

ALTITUDE (m): 2026

FIRST LIGHT (YEAR): 1996

WAVELENGTH (m): 10^{-6}
OPTICAL

Image Credit: Ethan Tweedie Photography

NAME: CHANDRA X-RAY OBSERVATORY

LOCATION: HIGHLY ELLIPTICAL EARTH ORBIT, SPACE



MIRROR DIAMETER (m): 1.2

ALTITUDE (m): 105,312,000

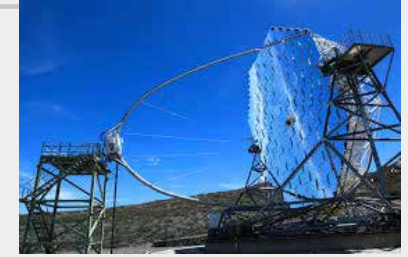
FIRST LIGHT (YEAR): 1999

WAVELENGTH (m): 10^{-10}
X-RAY

Image Credit: NASA/CXC/NGST

NAME: MAGIC TELESCOPE

LOCATION: LA PALMA, CANARY ISLANDS



MIRROR DIAMETER (m): 17

ALTITUDE (m): 2200

FIRST LIGHT (YEAR): 2004

WAVELENGTH (m): 10^{-18}
GAMMA-RAY

Image Credit: Frank Vincentz

NAME: SOUTH POLE TELESCOPE

LOCATION: SOUTH POLE



MIRROR DIAMETER (m): 10

ALTITUDE (m): 2800

FIRST LIGHT (YEAR): 2007

WAVELENGTH (m): 10^{-3}
MICROWAVE/MILLIMETRE

Image Credit: U.S. Antarctic Program Blue Ribbon Panel

NAME: GRAN TELESCOPIO CANARIAS

LOCATION: LA PALMA, CANARY ISLANDS



MIRROR DIAMETER (m): 10.4

ALTITUDE (m): 2267

FIRST LIGHT (YEAR): 2007

WAVELENGTH (m): 10^{-5}
OPTICAL/NEAR-INFRARED

Image Credit: Gran Telescopio Canarias

NAME: DISCOVERY CHANNEL TELESCOPE

LOCATION: ARIZONA, USA



MIRROR DIAMETER (m): 4.3

ALTITUDE (m): 2360

FIRST LIGHT (YEAR): 2012

WAVELENGTH (m): 10^{-7}
OPTICAL

Image Credit: Discovery Channel Telescope

NAME: WILLIAM HERSCHEL TELESCOPE

LOCATION: LA PALMA, CANARY ISLANDS



MIRROR DIAMETER (m): 4.2

ALTITUDE (m): 2344

FIRST LIGHT (YEAR): 1987

WAVELENGTH (m): 10^{-7}
OPTICAL/NEAR-INFRARED

Image Credit: Nik Szymanek