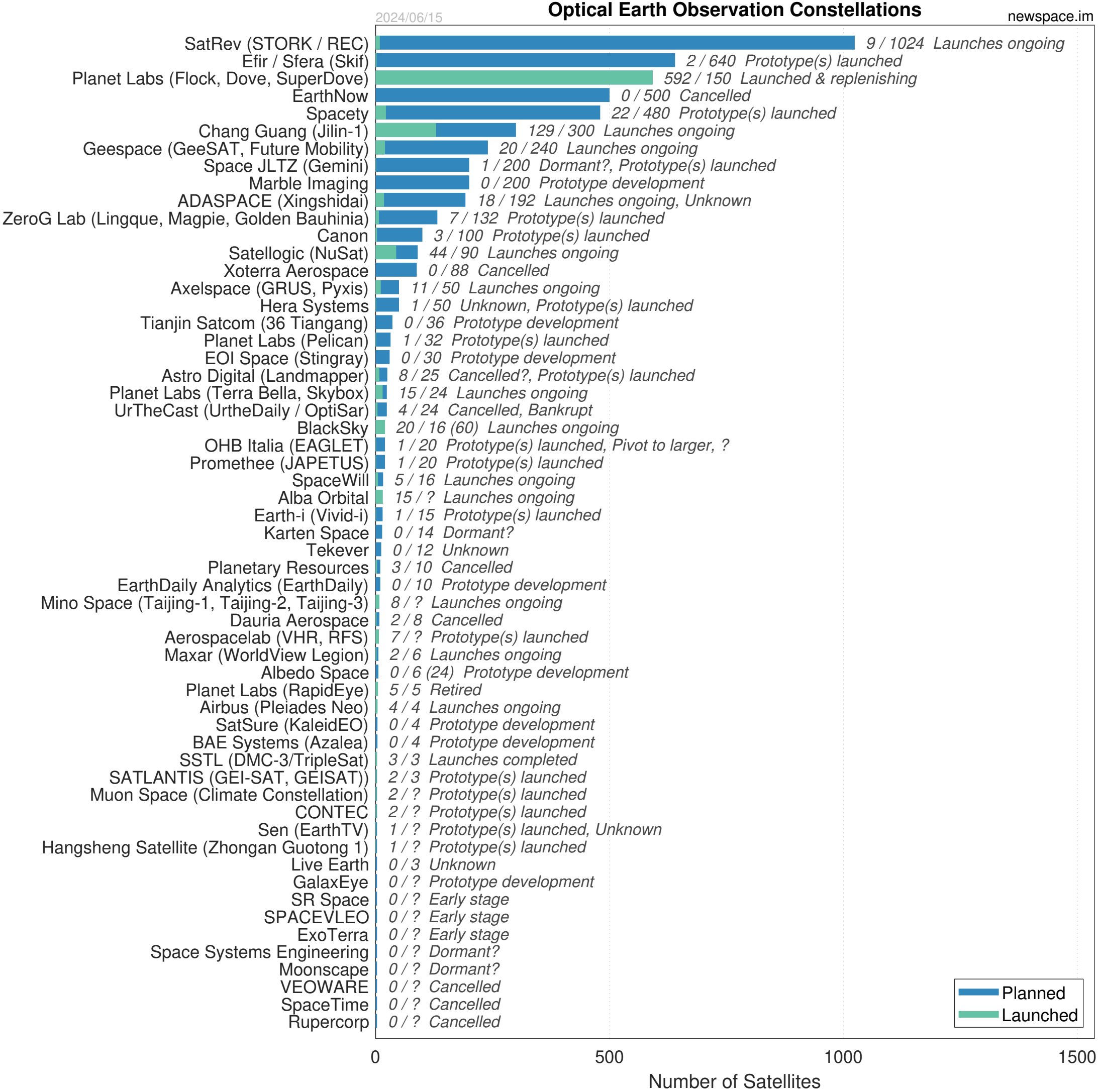
Optical Earth Observation Constellations
2024/06/15
newspace.im
SatRev (STORK / REC) 9 / 1024 Launches ongoing
Efir / Sfera (Skif) 2 / 640 Prototype(s) launched
Planet Labs (Flock, Dove, SuperDove) 592 / 150 Launched & replenishing
EarthNow 0 / 500 Cancelled
Spacety 22 / 480 Prototype(s) launched
Chang Guang (Jilin-1) 129 / 300 Launches ongoing
Geespace (GeeSAT, Future Mobility) 20 / 240 Launches ongoing
Space JLTZ (Gemini) 1 / 200 Dormant?, Prototype(s) launched
Marble Imaging 0 / 200 Prototype development
ADASPACE (Xingshidai) 18 / 192 Launches ongoing, Unknown
ZeroG Lab (Lingque, Magpie, Golden Bauhinia) 7 / 132 Prototype(s) launched
Canon 3 / 100 Prototype(s) launched
Satellogic (NuSat) 44 / 90 Launches ongoing
Xoterra Aerospace 0 / 88 Cancelled
Axelspace (GRUS, Pyxis) 11 / 50 Launches ongoing
Hera Systems 1 / 50 Unknown, Prototype(s) launched
Tianjin Satcom (36 Tiangang) 0 / 36 Prototype development
Planet Labs (Pelican) 1 / 32 Prototype(s) launched
EOI Space (Stingray) 0 / 30 Prototype development
Astro Digital (Landmapper) 8 / 25 Cancelled?, Prototype(s) launched
Planet Labs (Terra Bella, Skybox) 15 / 24 Launches ongoing
UrTheCast (UrtheDaily / OptiSar) 4 / 24 Cancelled, Bankrupt
BlackSky 20 / 16 (60) Launches ongoing
OHB Italia (EAGLET) 1 / 20 Prototype(s) launched, Pivot to larger, ?
Promethee (JAPETUS) 1 / 20 Prototype(s) launched
SpaceWill 5 / 16 Launches ongoing
Alba Orbital 15 / ? Launches ongoing
Earth-i (Vivid-i) 1 / 15 Prototype(s) launched
Karten Space 0 / 14 Dormant?
Tekever 0 / 12 Unknown
Planetary Resources 3 / 10 Cancelled
EarthDaily Analytics (EarthDaily) 0 / 10 Prototype development
Mino Space (Taijing-1, Taijing-2, Taijing-3) 8 / ? Launches ongoing
Dauria Aerospace 2 / 8 Cancelled
Aerospacelab (VHR, RFS) 7 / ? Prototype(s) launched
Maxar (WorldView Legion) 2 / 6 Launches ongoing
Albedo Space 0 / 6 (24) Prototype development
Planet Labs (RapidEye) 5 / 5 Retired
Airbus (Pleiades Neo) 4 / 4 Launches ongoing
SatSure (KaleidEO) 0 / 4 Prototype development
BAE Systems (Azalea) 0 / 4 Prototype development
SSTL (DMC-3/TripleSat) 3 / 3 Launches completed
SATLANTIS (GEI-SAT, GEISAT)) 2 / 3 Prototype(s) launched
Muon Space (Climate Constellation) 2 / ? Prototype(s) launched
CONTEC 2 / ? Prototype(s) launched
Sen (EarthTV) 1 / ? Prototype(s) launched, Unknown
Hangsheng Satellite (Zhongan Guotong 1) 1 / ? Prototype(s) launched
Live Earth 0 / 3 Unknown
GalaxEye 0 / ? Prototype development
SR Space 0 / ? Early stage
SPACEVLEO 0 / ? Early stage
ExoTerra 0 / ? Early stage
Space Systems Engineering 0 / ? Dormant?
Moonscape 0 / ? Dormant?
VEOWARE 0 / ? Cancelled
SpaceTime 0 / ? Cancelled
Rupercorp 0 / ? Cancelled
Planned
Launched
0
500
1000
1500
Number of Satellites