



Satellites of the International Charter 'Space and Major Disasters'

Bolivarian Agency for Space Activities (ABAE)

Country: Venezuela

Satellite: VRSS-1

Sensor: PMS	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	20 km	1 day
2	2	520-580 nm	20 km	1 day
3	3	630-680 nm	20 km	1 day
4	4	720-780 nm	20 km	1 day

Operational modes: Nadir viewing and roll maneuver (x 30°)

Canadian Space Agency (CSA)

Country: Canada

Satellite: Radarsat Constellation Mission (RCM) 1, 2, 3

Sensor: SAR RCM (C Band)	Operating Modes	No. Beams	Swath Width	Revisit
1	StripMap	2	290 km	4 days
2	Wide Swath Scan	2	1000 km	4 days
3	Wide Swath Scan	2	1000 km	4 days

Indian Space Research Organisation (ISRO)

Country: India

Satellite: Cartosat-2

Sensor: Cartosat-2E	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	18 km	4.5 days
2	2	520-580 nm	18 km	4.5 days
3	3	630-680 nm	18 km	4.5 days
4	4	720-780 nm	18 km	4.5 days

Russian State Space Corporation (ROSCOSMOS)

Country: Russia

Satellite: Kosmos-V

Sensor: PMS	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	20 km	1 day
2	2	520-580 nm	20 km	1 day
3	3	630-680 nm	20 km	1 day
4	4	720-780 nm	20 km	1 day

Centre National d'Études Spatiales (CNES)

Country: France

Satellite: Pléiades-1A

Sensor: PLEIADES-1A	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	20 km	1 day
2	2	520-580 nm	20 km	1 day
3	3	630-680 nm	20 km	1 day
4	4	720-780 nm	20 km	1 day

German Aerospace Centre (DLR)

Country: Germany

Satellite: TerraSAR-X

Sensor: TerraSAR-X	Operating Modes	No. Beams	Swath Width	Revisit
1	StripMap	2	290 km	4 days
2	Wide Swath Scan	2	1000 km	4 days

Japan Aerospace Exploration Agency (JAXA)

Country: Japan

Satellite: ALOS-2

Sensor: AVIRIS-2	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	28 km	14 days
2	2	520-580 nm	28 km	14 days
3	3	630-680 nm	28 km	14 days
4	4	720-780 nm	28 km	14 days

United Arab Emirates Space Agency (UAESA) / Mohammed bin Rashid Space Centre (MBRSC)

Country: United Arab Emirates

Satellite: DuhaSat-2

Sensor: HRAS	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	15 km	2 days
2	2	520-580 nm	15 km	2 days
3	3	630-680 nm	15 km	2 days
4	4	720-780 nm	15 km	2 days

China National Space Administration (CNSA)

Country: China

Satellite: Gaofen-1

Sensor: Gaofen-1	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	20 km	1 day
2	2	520-580 nm	20 km	1 day
3	3	630-680 nm	20 km	1 day
4	4	720-780 nm	20 km	1 day

European Space Agency (ESA)

Country: 22 member states

Satellite: Sentinel-1A

Sensor: Sentinel-1A	Operating Modes	No. Beams	Swath Width	Revisit
1	StripMap	2	290 km	12 days
2	Wide Swath Scan	2	1000 km	12 days

Korea Aerospace Research Institute (KARI)

Country: South Korea

Satellite: KOMPSAT-2

Sensor: MSC	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	15 km	2 days
2	2	520-580 nm	15 km	2 days
3	3	630-680 nm	15 km	2 days
4	4	720-780 nm	15 km	2 days

UK Space Agency

Country: United Kingdom

Satellite: Sentinel-2A

Sensor: MSI	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	10 km	10 days
2	2	520-580 nm	10 km	10 days
3	3	630-680 nm	10 km	10 days
4	4	720-780 nm	10 km	10 days

European Organisation for the Exploitation of Meteorological Satellites (EUMETSAT)

Country: 30 Member States

Satellite: Meteosat-10

Sensor: SEVIRI	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	2800 km	15 days
2	2	520-580 nm	2800 km	15 days
3	3	630-680 nm	2800 km	15 days
4	4	720-780 nm	2800 km	15 days

EUMETSAT

Country: 30 Member States

Satellite: Meteosat-10

Sensor: SEVIRI	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	2800 km	15 days
2	2	520-580 nm	2800 km	15 days
3	3	630-680 nm	2800 km	15 days
4	4	720-780 nm	2800 km	15 days

NOAA

Country: United States

Satellite: NOAA-20

Sensor: VIIRS	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	2800 km	1 day
2	2	520-580 nm	2800 km	1 day
3	3	630-680 nm	2800 km	1 day
4	4	720-780 nm	2800 km	1 day

USGS

Country: United States

Satellite: Landsat 8

Sensor: OLI	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	185 km	16 days
2	2	520-580 nm	185 km	16 days
3	3	630-680 nm	185 km	16 days
4	4	720-780 nm	185 km	16 days

CONAE

Country: Argentina

Satellite: SACOAM-1A

Sensor: SACOAM-1A	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	25 km	2 days
2	2	520-580 nm	25 km	2 days
3	3	630-680 nm	25 km	2 days
4	4	720-780 nm	25 km	2 days

INPE

Country: Brazil

Satellite: CBERS-4

Sensor: WPMS	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	65 km	5 days
2	2	520-580 nm	65 km	5 days
3	3	630-680 nm	65 km	5 days
4	4	720-780 nm	65 km	5 days

PLANET

Country: United States

Satellite: PlanetScope

Sensor: PlanetScope	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	10 km	1 day
2	2	520-580 nm	10 km	1 day
3	3	630-680 nm	10 km	1 day
4	4	720-780 nm	10 km	1 day

USGS

Country: United States

Satellite: Landsat 8

Sensor: OLI	Spectral Bands	Spectral Range	Swath Width	Revisit
1	1	450-550 nm	185 km	16 days
2	2	520-580 nm	185 km	16 days
3	3	630-680 nm	185 km	16 days
4	4	720-780 nm	185 km	16 days