

	Globally merged IR ¹	GridSat-B1 CDR	GridSat-GOES	GridSat-CONUS
Spatial coverage	Global (60° N–60° S)	Global (70° N–70° S)	Western Hemisphere	Contiguous US
Temporal coverage	1998–present	1980–present	1994–present	1994–present
Spatial resolution	~ 4 km	~ 8 km	~ 4 km (0.04°)	~ 4 km (0.04°)
Temporal resolution	30 min	3 hourly	Hourly	15 min
Spectral coverage	1 (IR)	3 (IR, WV, VIS)	8 ² (6 channels and 2 others)	8 ² (6 channels and 2 others)
Climate quality intercalibration	None	IR	None	None
Volume (1 month)	45 GB	12 GB	45 GB	12 GB