

Evaluation of Constellr LSTprecision Surface Temperature (ST) product. Self-assessment submitted by Constellr (Surface Temperature v5.0) for CEOS-ARD Compliance.

Summary Table

	Threshold	Target
1. General Metadata		
1.1 Traceability	Not required	Not Assessed
1.2 Metadata Machine Readability	Yes	Not Assessed
1.3 Data Collection Time	Yes	Not Assessed
1.4 Geographical Area	Yes	Not Assessed
1.5 Coordinate Reference System	Yes	Not Assessed
1.6 Map Projection	Not required	Not Assessed
1.7 Geometric Correction Methods	Not required	Not Assessed
1.8 Geometric Accuracy of the Data	Not required	Not Assessed
1.9 Instrument	Yes	Not Assessed
1.10 Spectral Bands	Yes	Not Assessed
1.11 Sensor Calibration	Not required	Not Assessed
1.12 Radiometric Accuracy	Not required	Not Assessed
1.13 Algorithms	Yes	Not Assessed
1.14 Auxiliary Data	Yes	Not Assessed
1.15 Processing Chain Provenance	Not required	Not Assessed
1.16 Data Access	Yes	Not Assessed
1.17 Overall Data Quality	Not required	Not Assessed
2. Per-Pixel Metadata		
2.1 Metadata Machine Readability	Yes	Not Assessed
2.2 No Data	Yes	Not Assessed
2.3 Incomplete Testing	Yes	Not Assessed
2.4 Saturation	Yes	Not Assessed
2.5 Cloud	Yes	Not Assessed
2.6 Cloud Shadow	Yes	Not Assessed
2.7 Snow/Ice Mask	Not required	Not Assessed
2.8 Solar and Viewing Geometry	Yes	Not Assessed
3. Radiometric and Atmospheric Corrections		
3.1 Measurement	Yes	Not Assessed
3.2 Corrections for Atmosphere and Emissivity	Yes	Not Assessed
3.3 Measurement Uncertainty	Not required	Not Assessed
4. Geometric Corrections		
4.1 Geometric Correction	Yes	Not Assessed

CEOS-ARD Evaluation Outcome: (ST PFS V5.0)

Product type:	Surface Temperature
Threshold level:	Compliance verified at Threshold level against ST PFS v5.0.
Goal level:	No Assessment.