

USGS CARD4L self-assessment: Surface Temperature (Landsat Collection 2 US ARD) PFS v5

WGCV evaluation: Surface Temperature (Landsat Collection 2 US ARD) PFS v5

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

CARD4L review outcome: (Landsat Collection 2 Surface Temperature US ARD) PFS v5

Threshold level:	<p>Compliance was verified for all applicable items at Threshold level.</p> <p><i>The USGS Surface Temperature Product (Landsat Collection 2 US ARD PFS v5.0) is CARD4L compliant at Threshold level</i></p>
Target level:	<p>NOTE: USGS self-assessment for the Surface Temperature Product (Landsat Collection 2 US ARD PFS v5.0) at Target level was not met for all items, therefore an evaluation by the WGCV CARD4L Review Panel was not undertaken</p>

WGCV CARD4L Review Panel Members:	<p>Valentina Boccia</p> <p>Nigel Fox</p> <p>Darren Ghent</p> <p>Jeff Czapla-Meyers</p> <p>Medhavy Thankappan</p>
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