

Instrument Problem Report

Sensor: Mako

Collect: Radiant Gray

Date: Aug 13, 2014

Data provided without correction for the following known instrument discrepancies:

Pattern Noise:

Shortest and longest wavelength channels exhibit excess pattern-noise (Figure 1).

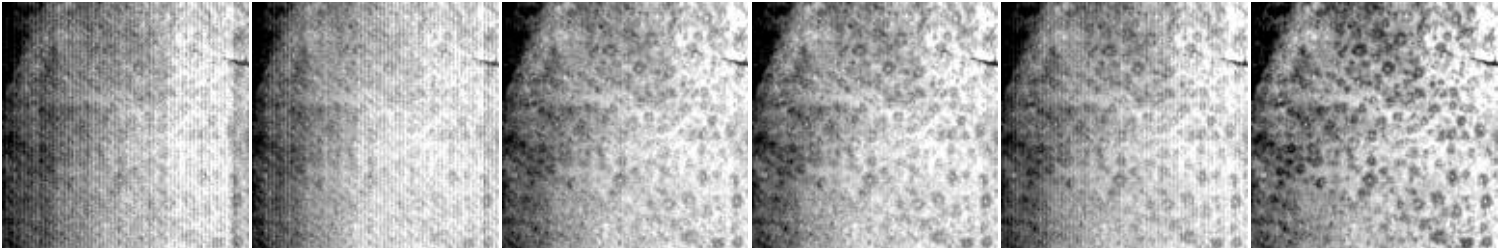


Figure 1: Thermal Images of field near Grand Junction Colorado (2% linear stretches). Band 1 (7.554886 μm), Band 3 (7.644581 μm), Band 5 (7.734227 μm), Band 7 (7.823822 μm), Band 9 (7.913365 μm) and Band 11 (8.002859 μm) are displayed left to right. Pattern noise is apparent as vertical lines (frame direction) throughout the image. The magnitude of the noise changes with wavelength.

Geolocation:

Estimated geolocation accuracy: ~20 meters

Bad Pixel Map:

Update (TBD) may be indicated post-mission to clean up 2 or 3 pixels not currently in the map. These become more evident in low-contrast data (e.g. Ocean Site).

Session Specific Problems (if encountered):

Session	Cubes	Location	Problems	Data Impacts
140725_181857	97	Chino Stockyards	INS Discontinuity	Minor Discontinuity repair may affect Georeferencing

Report problems (or issues) with the data to the POC listed below:

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Reports are encouraged and will be used to continually improve the instrument performance as well as the utility of the delivered data.