



Animate Cameras

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Columbus Technologies and Services, Inc.

Raytheon Company

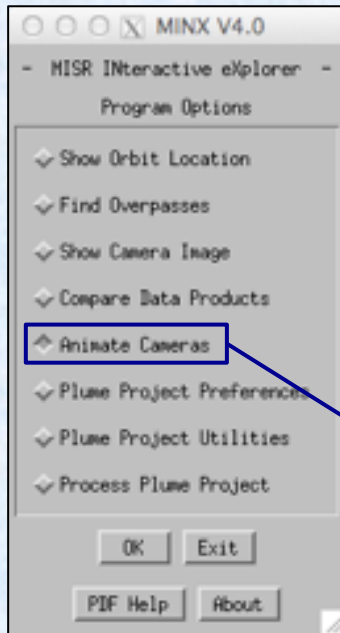
Jet Propulsion Laboratory, NASA

California Institute of Technology

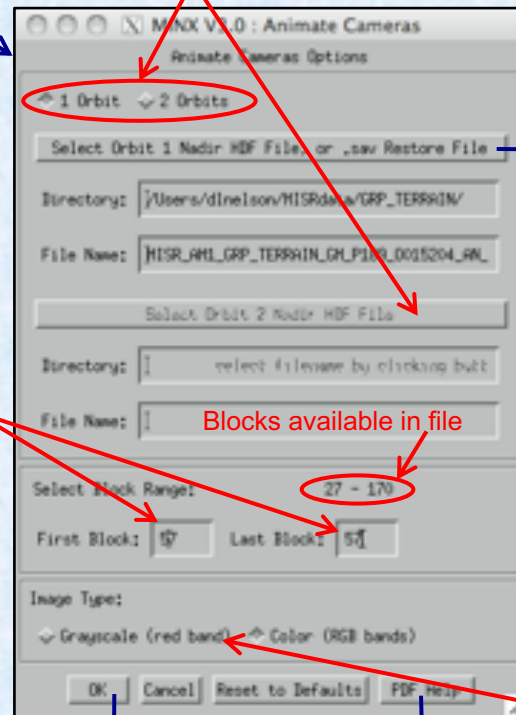


Select MISR Orbit to Load

Objective: To display selected blocks of MISR radiance imagery at 275 m resolution in all channels; to view 9 cameras as an animation; and to perform analyses on data including determining aerosol heights and motion.



2 orbits from the same path can be loaded at once and compared. Then orbit 2 must also be selected below.



Depending on your computer's resources, you may be able to load from 2 to 10 or more blocks of MISR data.

MISR*TERRAIN*_AN_*.hdf
MISR*ELLIPSOID*_AN_*.hdf
*.sav

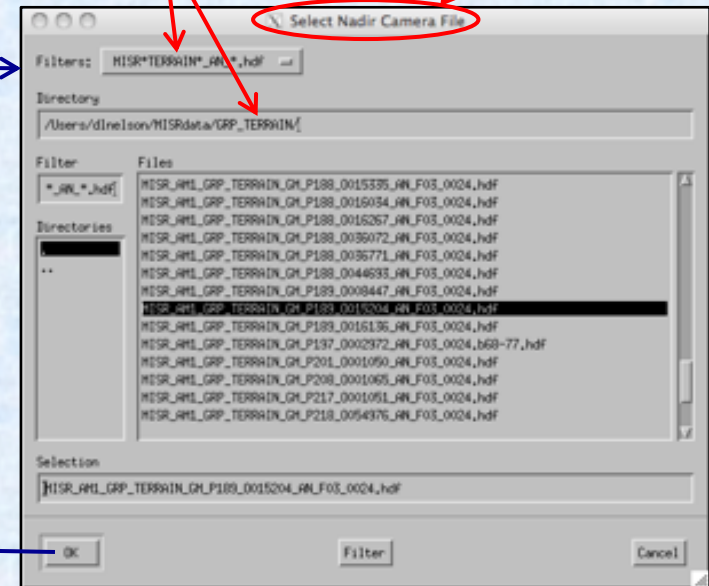
The "Filters" dropdown list provides one way to load a previously saved MINX session.

Automatically load camera imagery for selected orbit.

Display a Help file.

The L1B2 data type selected in "Filters:" must match the file type found in the directory you enter in "Directory" edit box.

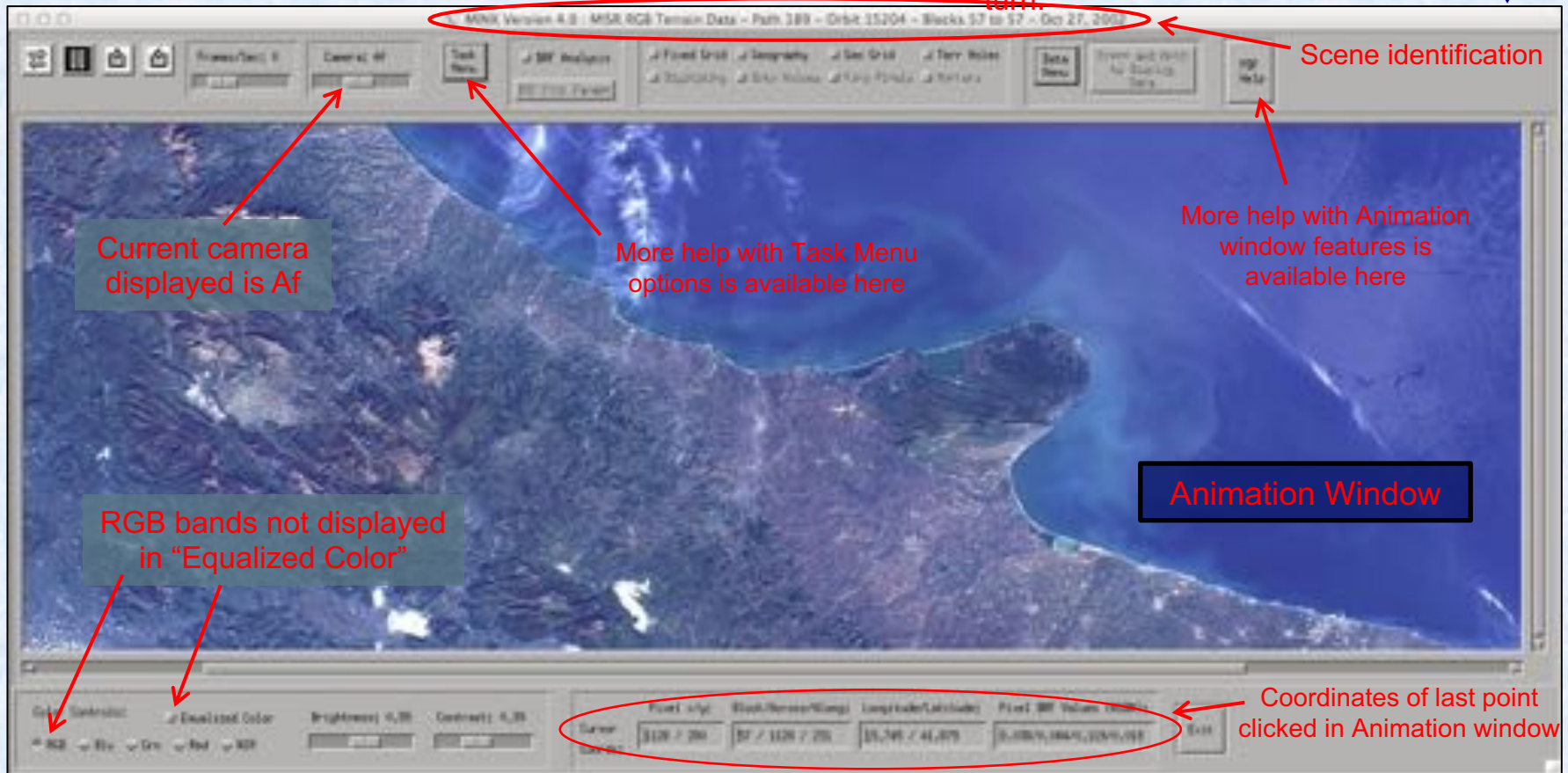
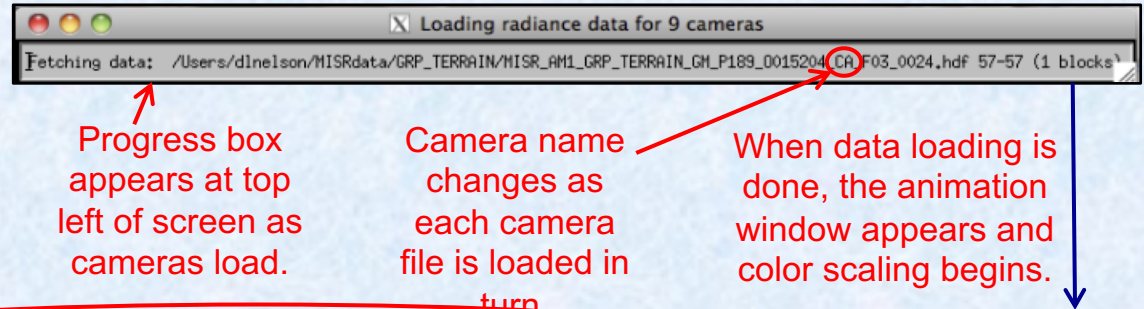
Select only the An camera; the other 8 cameras are read automatically if in the same directory or in 9 separate directories named DF, CF, BF, AF, AN, AA, BA, CA, DA



Loading only the high resolution red band reduces memory requirements significantly, but images are in grayscale.

Load Camera Images

- MISR radiance data are converted to Top-Of-Atmosphere (TOA) BRFs before data are displayed.
- MISR's 9 camera images occupy the same virtual screen space and alternate in an animation sequence.



Peninsula with lagoon on Adriatic coast of Italy – Af camera showing sediment and sun glint in water on MISR block 57