

Find Overpasses

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California Institute of Technology



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Show Orbit Location

Find Overpasses

Animate Cameras

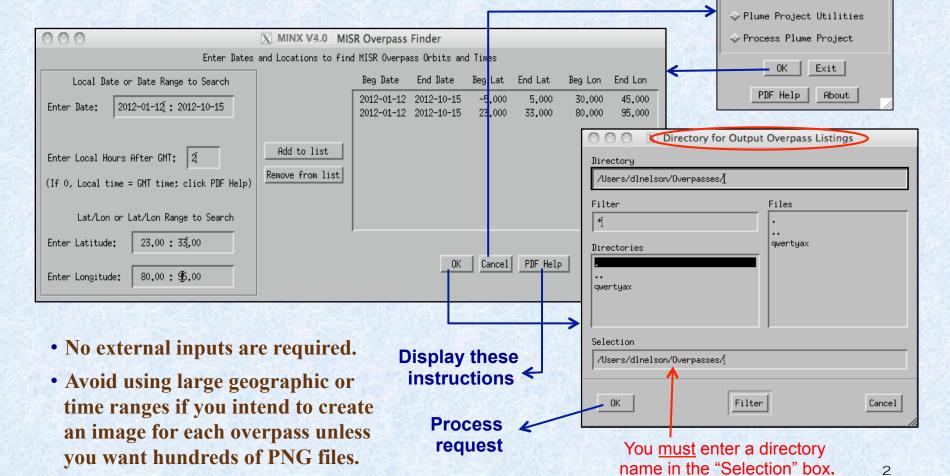
Show Camera Image

Compare Data Products

Plume Project Preferences

MISR INteractive eXplorer
Program Options

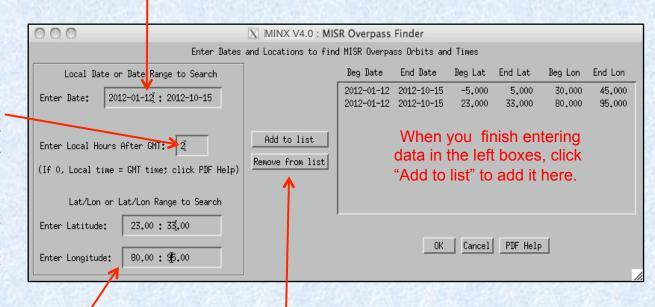
Objective: To produce a list of MISR orbits that pass over a specified point or region on a specified date or range of dates. Useful in answering: "Did MISR see a particular fire or dust event?" or "What MISR orbits imaged Japan in Feb, 2012?"



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Enter either a single date or a date range here. The format must be either "YYYY-MM-DD" for a single date or, for a date range, "YYYY-MM-DD". The search will begin at midnight local time at the beginning of the first date and will continue through midnight local time at the end of the second date.

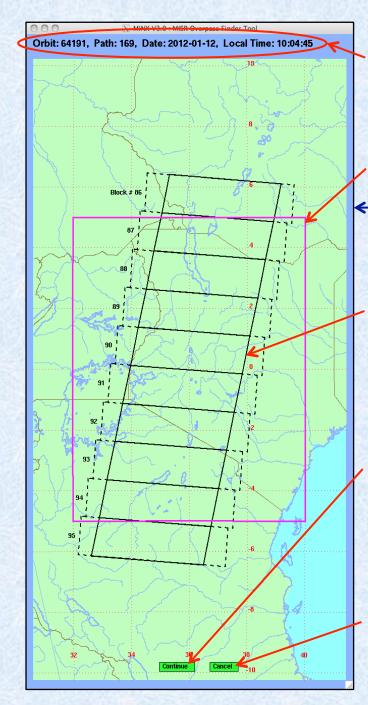
Enter the number of hours between GMT and local time at the location(s) you enter. This number should be negative for time zones westof Greenwich and positive for time zones east. The number of hours you enter will be applied to the search process for ALL the entries in the list you construct. You may also want to adjust for Daylight Saving Time. You may ignore this entry if your Date Range is broader than required. Note: GMT or Greenwich Mean Time is nearly identical to UTC or Coordinated Universal Time.



Once you have completed the date and location entry, click "Add to list" to copy the information to the list box on the right. Then you can enter more date and location values, each time adding them to the list. If you are not satisfied with an entry in the list, click on the entry to highlight it, and then click "Remove from list" to remove it.

Enter a latitude or latitude range and a longitude or longitude range in decimal degrees. For single points use format "sDD.DDD"; for a region the format is: "sDD.DDD: sDD.DDD". The "s" stands in for "+" or "-". The absolute value of latitudes must not exceed 84 deg, and the absolute value of longitudes must not exceed 180 deg. Decimal points are optional.

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Overpass details for this orbit.

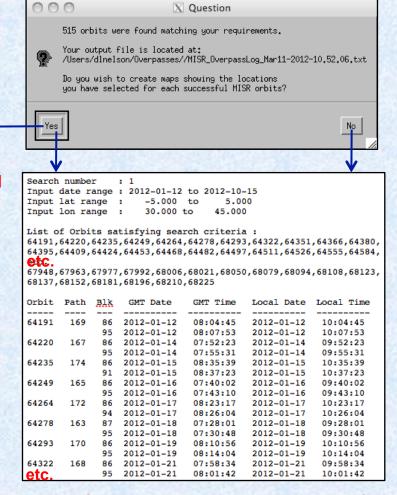
Region specified for finding MISR overpasses.

Orbits are returned only if the specified overpass region intersects the solid black lines of the orbits' swaths.

Click here to show the next overpass image. Text data and images are saved to file.

Click here to stop showing images. Text data will still be written to file, but not images.

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Report file shows a comma-separated list of orbits at the top for convenience in ordering MISR products. Block and time details are in the table below. GMT and local times are shown for the first and last blocks intersected.