

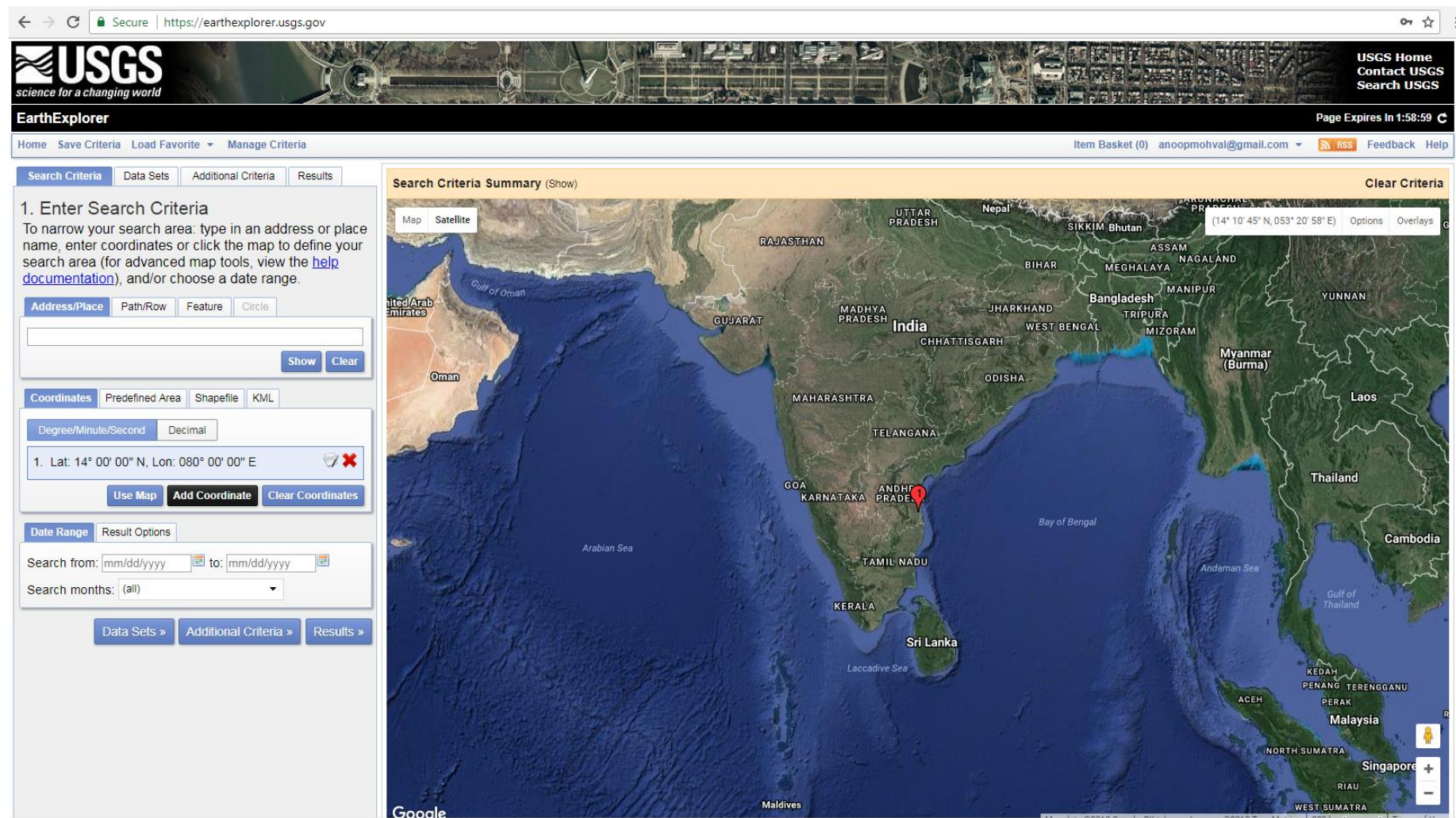
How to download ASTER L1T data from Earth Explorer

1. The beginners should visit the website <https://earthexplorer.usgs.gov/> and follow the registration procedures prior to Login.
2. For ASTER data download user also has to register at <https://urs.earthdata.nasa.gov/>

Prepared By
Anoop V M
Senior Geologist

Under search criteria, user can define the area of interest by following options

- 1. Adding address/place
- 2. Path/Row information
- 3. Loading shape files or kml file(less than 30 nodes)
- 4. By adding coordinates



Data Search for ASTER Image

1. Under NASA LPDAAC Collection

← → ↻ Secure | <https://earthexplorer.usgs.gov>

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EarthExplorer

Page Expires In 1:59:57

Home Save Criteria Load Favorite Manage Criteria

Item Basket (0) [anoopmohval@gmail.com](#) RSS Feedback Hel

Search Criteria Data Sets Additional Criteria Results

2. Select Your Data Set(s)

Check the boxes for the data set(s) you want to search. When done selecting data set(s), click the *Additional Criteria* or *Results* buttons below. Click the plus sign next to the category name to show a list of data sets.

☐ Use Data Set Prefilter ([What's This?](#))

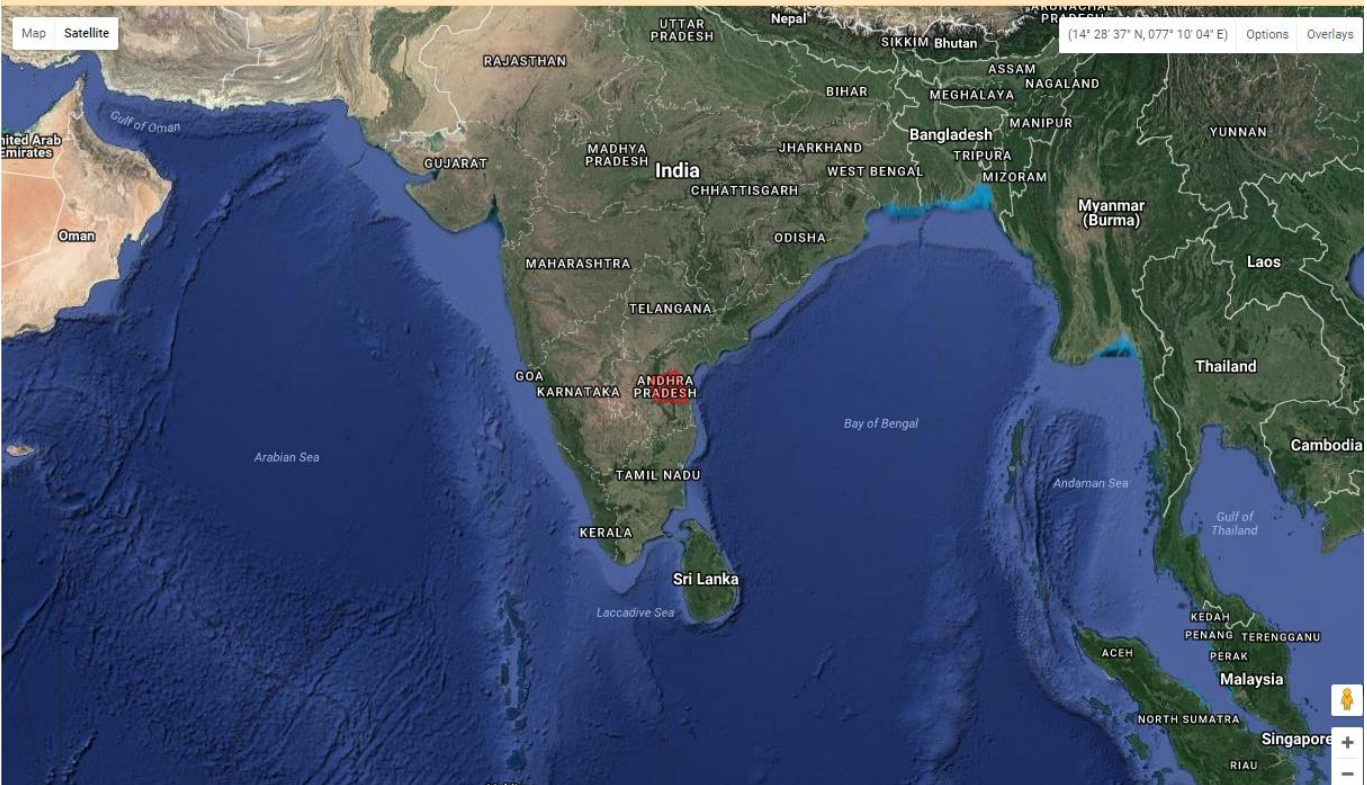
Data Set Search:

- ⊕ Aerial Imagery
- ⊕ AVHRR
- ⊕ CEOS Legacy
- ⊕ Commercial Satellites
- ⊕ Declassified Data
- ⊕ Digital Elevation
- ⊕ Digital Line Graphs
- ⊕ Digital Maps
- ⊕ EO-1
- ⊕ Global Fiducials
- ⊕ HCMM
- ⊕ ISERV
- ⊕ Land Cover
- ⊕ Landsat
- ⊕ **NASA LPDAAC Collections**
 - ⊕ **ASTER Collections**
 - ☐ ASTER Global DEM
 - ☒ **ASTER Level 1T**
 - ⊕ ASTER Global Emissivity Datasets
 - ⊕ MODIS BRDF and Albedo - V6
 - ⊕ MODIS Gross Primary Productivity - V6
 - ⊕ MODIS LAI/FPAR - V6

Search Criteria Summary (Show) Clear Criteria

Map Satellite

(14° 28' 37" N, 077° 10' 04" E) Options Overlays



Data Search for ASTER Image

2.Additional criteria

Preferable

a)Cloud cover less than 10%

b)VNIR/SWIR/TIR –Sensors Mode “On”



Results »

← → ↻ Secure | <https://earthexplorer.usgs.gov> ☆

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Search Criteria Data Sets Additional Criteria Results

3. Additional Criteria (Optional)

If you have more than one data sets selected, use the dropdown to select the additional criteria for each data set.

Data Sets:
ASTER Level 1T ▾

Cloud Cover
All ▾
Less than 10%
Less than 20%
Less than 30%
Less than 40% ▾

Correction Achieved
All ▾
Precision
Systematic
Terrain+Precision
Terrain+Systematic ▾

Day/Night Indicator
All (Day, Night, or Both) ▾
Both
Day
Night ▾

SWIR_MODE
All ▾
On
Off ▾

TIR Mode
All ▾
On
Off ▾

VNIR1 Mode
All ▾
On
Off ▾

Clear All Criteria Results »

Search Criteria Summary (Show)

Map Satellite



(15° 40' 33" N, 075° 55' 15" E) Options Overlays

Map data ©2018 Google Imagery ©2018 TerraMetrics | 20 km | Terms of Use | Report a map error

The up-to-date Google map is not for purchase or for download; it is to be used as a guide for reference and search purposes only.

Check the availability and coverage by [Show foot print](#) / [Show Browse overlay](#)

Local Granule
 ID: AST_L1T_00303012006052651_20150513090616
 Coordinates: 15.0191, 77.4318
 Acquisition Date: 2006/03/01

Check Metadata ← Click Download →

EE EarthExplorer
<https://earthexplorer.usgs.gov>

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Search Criteria Data Sets Additional Criteria **Results**

4. Search Results

If you selected more than one data set to search, use the dropdown to see the search results for each specific data set.

Show Result Controls



Data Set [Click here to export your results](#)



ASTER Level 1T



« First « Previous 1 Next » Last »



Displaying 1 - 10 of 18

- Local Granule**
 ID: AST_L1T_00303012006052651_20150513090616
 Coordinates: 15.0191, 77.4318
 Acquisition Date: 2006/03/01



- Local Granule**
 ID: AST_L1T_00303012006052642_20150513090611
 Coordinates: 15.5531, 77.5504
 Acquisition Date: 2006/03/01



- Local Granule**
 ID: AST_L1T_00302242004052822_20150503090935
 Coordinates: 14.8917, 78.3016
 Acquisition Date: 2004/02/24



- Local Granule**
 ID: AST_L1T_00302082004052827_20150503043838
 Coordinates: 14.9266, 78.0683
 Acquisition Date: 2004/02/08

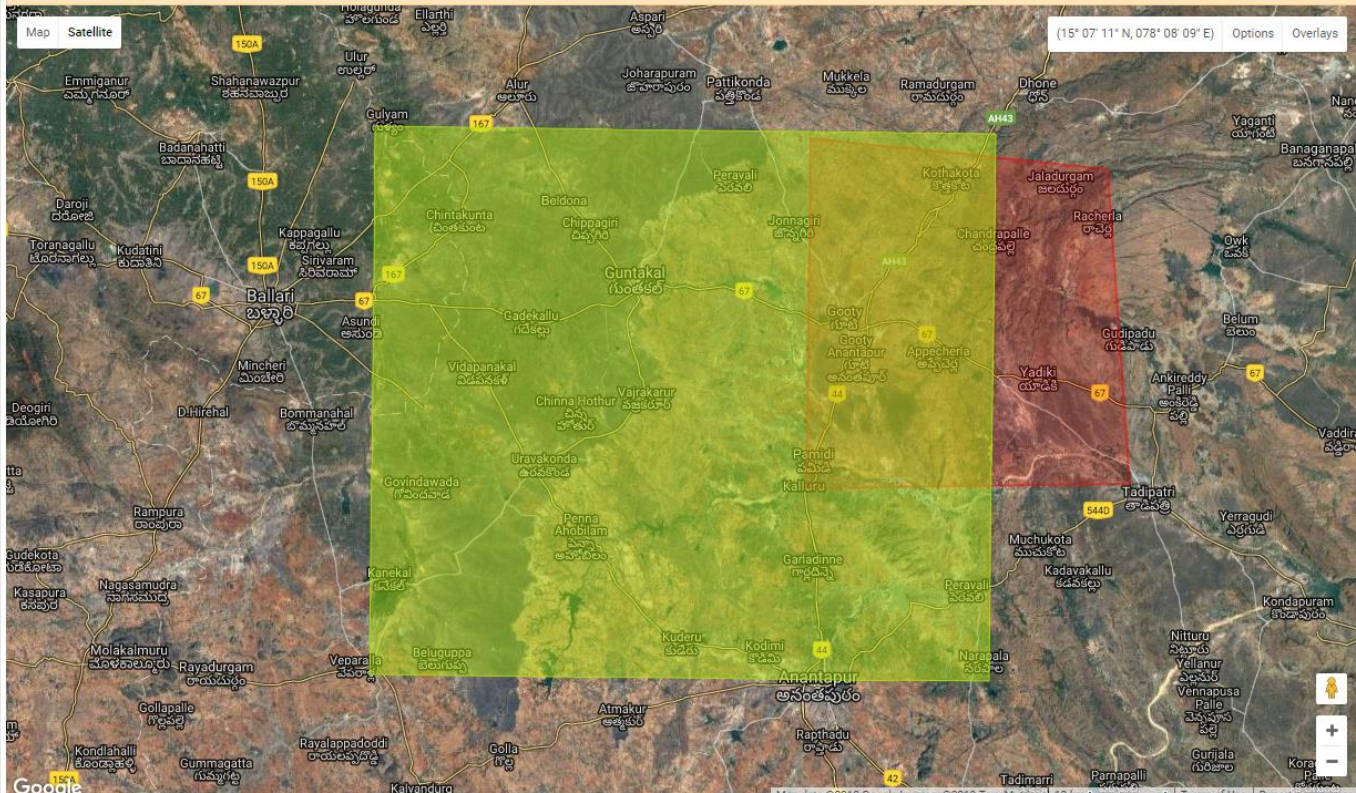



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Search Criteria Summary (Show) [Clear Criteria](#)

Map Satellite

(15° 07' 11" N, 078° 08' 09" E) Options Overlays



Google

Map data © 2018 Google Imagery © 2018 TerraMetrics | 10 km | [Terms of Use](#) | [Report a map error](#)

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Search Criteria Data Sets Additional Criteria Results

4. Search Results

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Show Result Controls

Data Set Click here to export your results

ASTER Level 1T

First Previous 1 Next Last

Displaying 1 - 10 of 18

- Local Granule
ID: AST_L1T_00303012006052651_20150513090616_
Coordinates: 15.0191, 77.4318
Acquisition Date: 2006/03/01
- Local Granule
ID: AST_L1T_00303012006052642_20150513090611_
Coordinates: 15.5531, 77.5504
Acquisition Date: 2006/03/01
- Local Granule
ID: AST_L1T_00302242004052822_20150503090935_
Coordinates: 14.8917, 78.3016
Acquisition Date: 2004/02/24
- Local Granule
ID: AST_L1T_00302092004052827_20150503043638_
Coordinates: 14.0266, 78.0683
Acquisition Date: 2004/02/08

View Item Basket Submit Standing Request

Search Criteria Summary (Show)

Map Satellite

Download Options

- Download Standard Product (123.2 MB)
- Download Thermal Product (2.1 MB)
- Download Visible Product (76.4 MB)
- Download Metadata Format (11.7 KB)

Clear Criteria

Google

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https://urs.earthdata.nasa.gov

https://urs.earthdata.nasa.gov/oauth/authorize?scope=uid&app_type=401&client_id=jjpRZvb9qeCKK5ctsn75Tg&response_type=code&redirect_uri=https%3A

Sign in

https://urs.earthdata.nasa.gov

Username

Password

Sign in Cancel

Sign in to urs.earthdata.nasa.gov/

AST_L1T_00303012....h...
0.1/123 MB, 44 mins left



Download the data