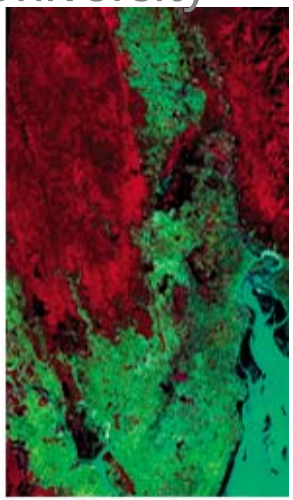
TRFIC

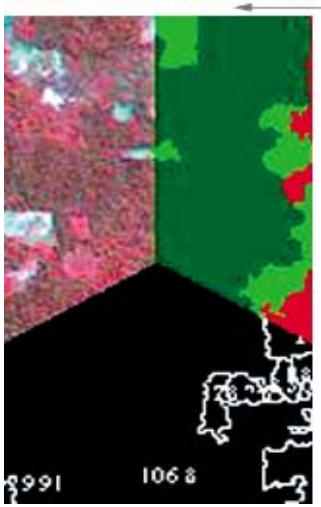
TROPICAL RAIN FOREST INFORMATION CENTER

@ Michigan State University

Collection

Distribution





Processing

Analysis

Earth Science Information Partnership

Background

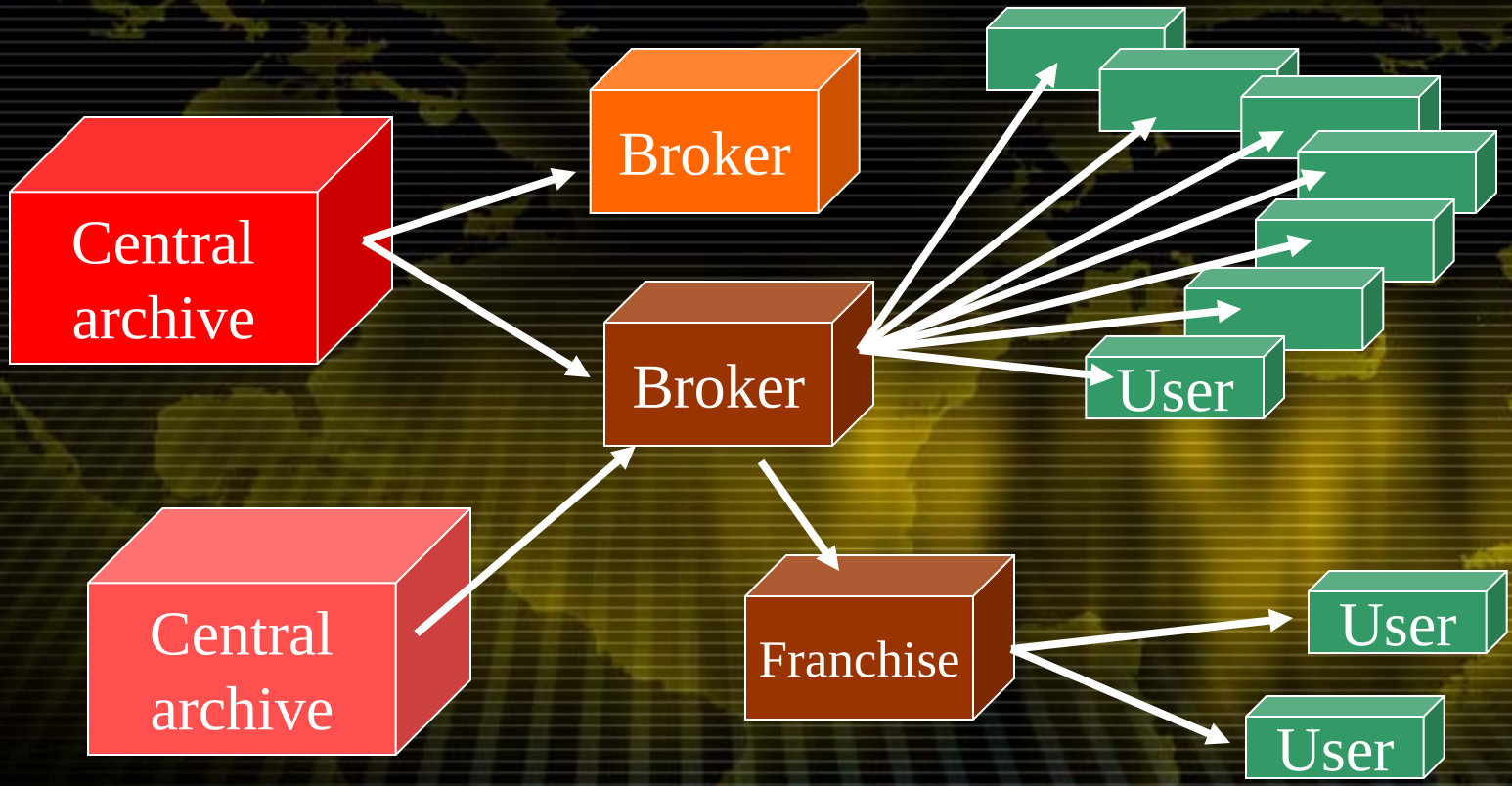
- Early need for large scale information management systems
  - To manage large amounts of raw Landsat data
  - To manage the derived products from a geospatial information analysis approach
- Most use of Landsat data had been on a single scene basis
- Query, browse and ordering of data had been tailored to the single scene user
- Landsat Pathfinder (1993-1997): developed an initial IMS to function in three areas:
  - Browse and query for selecting available data
  - Inventory control to track orders and maintain inventory of thousands of scenes
  - “hyper-GIS” to allow information retrieval and analysis in the laboratory

The data broker model

- Consider an older model:
  - Data are received from a sensor or platform and archive at a large facility
  - This facility acts as both the national repository or long term steward and as the access point to user communities interested in obtaining data
  - One system fits all purposes

Data broker model (cont.)

- Now consider a new data systems and services model:
  - Imagine a *supply chain management approach* to science data
  - The downlink point and long term archive provides a wholesaler function
  - Access to data for various communities occurs through data brokers or relatailers
  - These data brokers serve thier communities and provide more than just data – domain expertise
  - These data brokers form alliances or franchises in an international network of distributed regional providers of data and science information


Central archive
Broker
Broker
User
Central archive
Franchise
User
User

TRFIC Partners

- MSU
- University of Maryland
- USGS – Eros Data Center

Overview of Landsat data services

- Access to ortho-rectified MSS, TM and ETM archive
  - Official version as the EDC distribution point (retail end)
- Access to the TRFIC specialized MSS, TM and ETM+ data archive
- Access to the brokered “coop” TRFIC archive
- Brokered access to the complete national archive as well as tropical foreign ground stations.
- Access to the user community holdings through SAXTA.

Hierarchical approach

- Centralized access to holdings at MSU and EDC through the TRFIC portal at www.landsat.org (Access-7, Access-45)

Landsat.org Home Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address http://www.landsat.org/ Go Links

AIM Search Highlight Pop-Ups Allowed AIM Games

Landsat.org

Data Hosting & Services Search for Imagery About

- Landsat 7 (ETM+)
- Landsat 4/5 (TM)
- Landsat Ortho **(FREE)**

background image

Landsat.org supports the purchasing, distribution, and sharing of Landsat 4, 5 and 7 imagery worldwide by providing a simple, platform-independent user interface and search engine with online data ordering. Landast.org supports research centers, science teams, and educational organizations by providing customized search interfaces, access to data hosting services, clearinghouse services, data brokering, and imagery cooperatives.

Satellite Image Gallery

Landsat.org_ETM+ classic search tool (ideal for Mac users)

Landsat.org_TM classic search tool

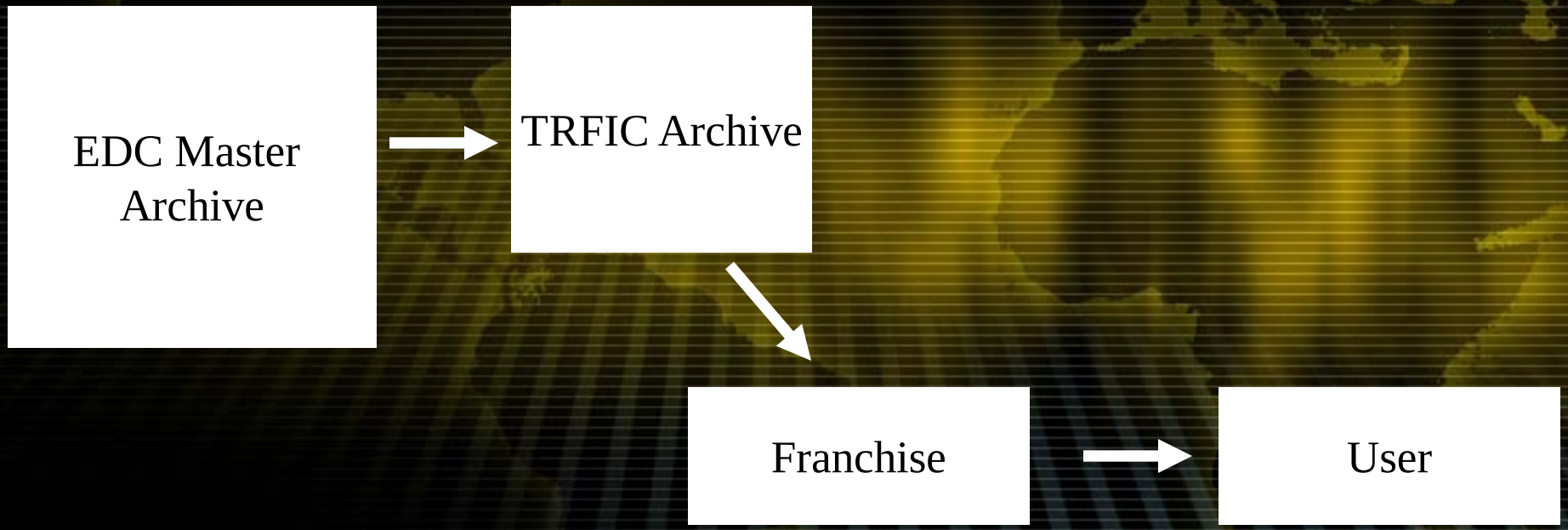
NEWS:

- Satellite Assessment of the Impact of the Indonesia Tsunami ...*more*
- African scientists gain access to ortho-rectified Landsat data ...*more*

start trfic lcluc 2005 meeting.ppt Landsat.org Home Pa...

Hierarchical approach

- Distributed access to regional holdings and foreign ground stations through franchise nodes



Landsat.org Indonesia - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address http://btic.biotrop.org/landsat7/ Go Links

AIM Search Highlight Pop-Ups Blocked: 78 AIM Games Personals Weather

Landsat.org Indonesia

Landsat.org - Indonesia adalah Mesin Pencari data satelit Landsat 7 ETM+. Anda dapat mencari dan menampilkan data ETM+ untuk daerah Indonesia atau seluruh dunia.

Cari

Indonesia Global BTIC Archive

Situs BTIC | Layanan Data | Peta Situs | Tentang Situs English

BTIC
BIOTROP Training and Information Centre
www.bticnet.com

ESIP FEDERATION TRFIC TROPICAL RAIN FOREST INFORMATION CENTER MICHIGAN STATE UNIVERSITY

Funding and support provided by:

APN NASA

File Edit View Favorites Tools Help

Back Search Favorites Media

Address http://btic.biotrop.org/landsat7/bticdata_id.html Go Links

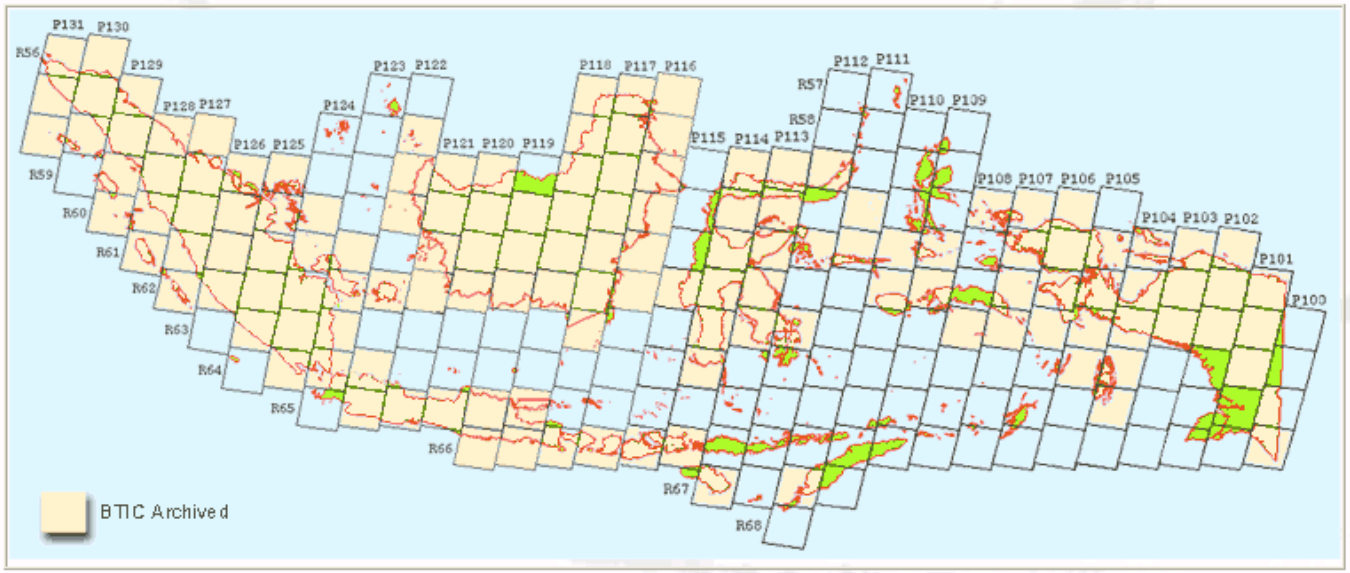
AIM Search Highlight Pop-Ups Blocked: 78 AIM Games Personals Weather

Landsat.org Indonesia

Landsat.org - Indonesia | Mesin Pencari data Landsat 7 ETM+

Arsip BTIC adalah data Landsat 7 ETM+ yang telah ada pada bank data kami.

Petunjuk: Untuk melihat data Landsat 7 pada bank data kami, silakan klik pada peta Indonesia sesuai WRS (Worldwide Reference System) Landsat 7 yang diinginkan. Untuk melihat daftar data dalam bentuk **tabel**, silakan klik disini.



Home | Pencarian Indonesia | Pencarian Global | Arsip BTIC | Layanan Data

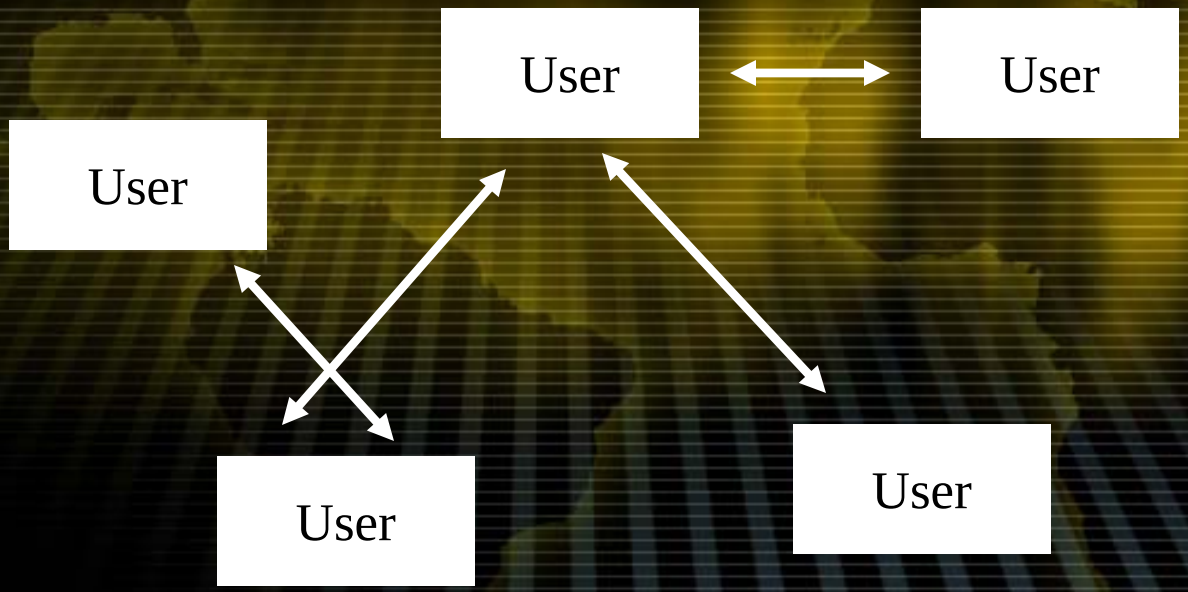
BTIC www.bticnet.com
BIOTROP Training and Information Centre

Internet

start trfic Removable Disk (D:) Icluc 2005 meeting.ppt Landsat.org Indonesi...

Hierarchical approach

- Peer-to-Peer access to diffuse community holdings through SAXTA (UMD)



Satella: Peer 2 Peer Satellite Data Distribution System - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address http://localhost:8080/servlet/SatellaWebGUI/template/Index.vm Go Links

Satella Network Service Web GUI

Satella Platform Status: Ready.

Main Menu | Local Files | Remote Files | View Peers | View Jobs

Welcome to Satella!

The Satella Network aims to provide a new method for Earth Science satellite data sharing. The network is built using JXTA peer-to-peer protocols in its Java implementation. The goal of Satella is to create a more robust, cost-effective, and efficient way of science data distribution. A second goal is to make free data available to end-users. By individuals and organizations joining and sharing their data in the Satella Network, these goals can be realized. The first instance of Satella will focus on the sharing of Landsat 7 data, since this data is in great demand and can be shared freely once purchased. Satella will provide organization and a method to enable users to share this data.

The development of the network is on-going, currently we are awaiting beta 2 of the Satella client software. Once released, we will encourage users to participate and make our community of data-sharing work.

Satella is the product of a collaboration between Science Systems and Applications, Inc. (SSAI), the University of Maryland--College Park (UMCP), and Code 922 Terrestrial Information Systems Branch NASA Goddard Space Flight Center.

For furher information as well as updates and other goodies, please visit our Satella web site.

Logos, Credit, Copyright, License Agreement and Privacy Policy

For more information about Satella, contact Bruce Vanderlin.

Web GUI developed by Missy Crisologo.

Local intranet

Satella: Local Files Management - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address http://localhost:8080/servlet/SatellaWebGUI/action/LocalShareUnshareAction Go Links

Satella Network Service Web GUI

Satella Platform Status: Ready.

Main Menu | Local Files | Remote Files | View Peers | View Jobs

Shared Local Files: 12 Files

Enter the file to be added to the shared list:

Browse... Share

	File Name	File Size	Peer	Landsat	Path	S. Row	E. Row	Acq. Date	Band	Format	ETM Data F.
☐	L71012031_03120000826_B50.L1G	54919141	SatellaSSAI_Arabica	true	12	31	31	8/26/2000	5	HDF	ETM+ D.F. 1
☐	L71012031_03120000826_B61.L1G	13733496	SatellaSSAI_Arabica	true	12	31	31	8/26/2000	6L	HDF	ETM+ D.F. 1
☐	L71012031_03120000826_HDF.L1G	1351882	SatellaSSAI_Arabica	true	12	31	31	8/26/2000	Other	HDF	ETM+ D.F. 1
☐	L71012031_03120000826_MTL.L1G	65535	SatellaSSAI_Arabica	true	12	31	31	8/26/2000	Other	HDF	ETM+ D.F. 1
☐	L71012031_03120000826_B10.L1G	54919141	SatellaSSAI_Arabica	true	12	31	31	8/26/2000	1	HDF	ETM+ D.F. 1
☐	L71012031_03120000826_B20.L1G	54919141	SatellaSSAI_Arabica	true	12	31	31	8/26/2000	2	HDF	ETM+ D.F. 1
☐	L71012031_03120000826_B30.L1G	54919141	SatellaSSAI_Arabica	true	12	31	31	8/26/2000	3	HDF	ETM+ D.F. 1
☐	L71012031_03120000826_B40.L1G	54919141	SatellaSSAI_Arabica	true	12	31	31	8/26/2000	4	HDF	ETM+ D.F. 1
☐	L71012031_03120000826_B50.L1G	54919141	SatellaSSAI_Arabica	true	12	31	31	8/26/2000	5	HDF	ETM+ D.F. 1
☐	L71012031_03120000826_B61.L1G	13733496	SatellaSSAI_Arabica	true	12	31	31	8/26/2000	6L	HDF	ETM+ D.F. 1
☐	L71012031_03120000826_HDF.L1G	1351882	SatellaSSAI_Arabica	true	12	31	31	8/26/2000	Other	HDF	ETM+ D.F. 1
☐	L71012031_03120000826_MTL.L1G	65535	SatellaSSAI_Arabica	true	12	31	31	8/26/2000	Other	HDF	ETM+ D.F. 1

Unshare selected Files: Unshare

Logos, Credit, Copyright, License Agreement and Privacy Policy
For more information about Satella, contact [illegible].
Web GUI developed by Missy Crisologo.

Local intranet

Distribution means

- CD/DVD
- FTP
- Fire-wire bulk sets
- Peer-to-peer

Other dataset services

- Access to more than 2000 IKONOS images
- Access to the full archive of Aster through www.asterdata.org
- Access to global daily Year 2000 Spot VGT
- Negotiating access services for:
  - Spot 4 global tropical archive
  - IRS global tropical archive
- And derived products

Products

- ***We offer five levels of services for data and information products:***
  - *1) Standard Products*, ***generally individual granules (Landsat scenes),***
  - *2)* GeoBuild *Products* ***which you build for yourself on-line using our web-GIS services,***
  - *3)* GeoBundle *Products* ***which you build and bundle on-line using our web-GIS services,***
  - *4) Custom Products*, ***and***
  - *5) Special Outreach and Education products,* ***from our Rain Forest Resport Card project.***

Standard Products

- **Individual Landsat Products.**
- **Special Selection Landsat ETM+ Products.**
- **Pan-Sharpened ETM+ Products.**
- **The Orthorectified Global Landsat ETM+ 2000 Dataset.**
- **The Orthorectified Global Landsat TM 1990s Dataset.**
- **Forest Cover Change GIS Layers.**
- ***Merged Landsat Forest Cover/MODIS Fire Products.***
- **Forest Fractional Cover Continuous Fields: High and Coarse Resolution.**

Special Services

- ***Web GIS spatial search:***
  - We provide custom spatialized search using interactive internet-based GIS clients, in which users can digitize on-screen or upload their own specialized multi-polygon GIS layers as search parameters – or using map layers from any registered OGC compliant server on the Internet. Our core service uses our ***GeoSearch*** ™ technologies**.** This service uses web-based GIS to search for Landsat data available for large area coverages, and merges results with other images or GIS layers. The service accesses the Landsat archives at EDC, TRFIC-2, and foreign ground stations using open specification (OGC, FGDC, XML, Z39.50) and standard interfaces to portray the results of a query over very large geographic areas. Users can use the client's map interface or upload their own shapefiles or OGC conformant points, lines, or polygons to search the global archive based on user-defined geographical entity.

Special Services

- ***Spatial image/map based document retrieval:***
  - Map and Image-based document catalog and document content search using our ***GeoDoc*** ™ service which couples the image or GIS map resulting from a data search with their feature names/identities using standard OGC conformant layers and GNIS place names to mount a Z39.50/XML MARC Tagged search of all library catalogs in the Big Ten universities – or your own university library – for relevant papers, books, and other documents. This searching process is enabled by implementing the MARC21 XML schema to specify portions of text to be included in the catalog index. MARC is the acronym for MAchine-Readable Cataloging

Special Services

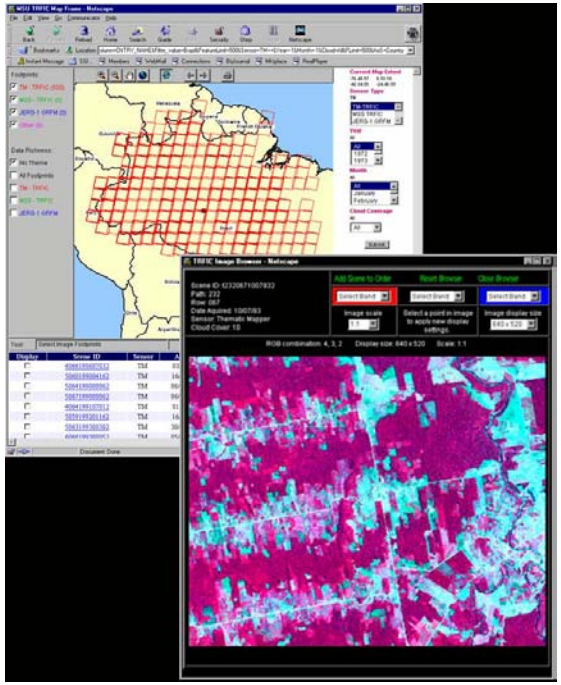
- ***Full resolution browse:***
  - Full-resolution browsing of all Landsat data at EDC, MSU, and foreign ground stations using the MSU-developed ***GeoZoom*** ™ technologies. *GeoZoom* is a client for rendering browse products on line. It can display, zoom, and pan an image up to full resolution in a standard web browser. It also allows the user to select specific band combinations to display. The *GeoZoom* browser works by taking the selected bands, compressing them (using a variable wavelet compression algorithm), and sending it over the internet to a web browser. We will expand the capabilities of *GeoZoom* to include derived product zooming in addition to image zoom capability.

Special Services

- ***Analysis and Bundling: toward "lights out systems".***
  - We will develop and provide our *GeoAnalyst* service for GIS-based on-line analysis capabilities. It is used to analyze and interrogate raw data, sub-setting and re-mapping, bundling of multiple image and digital map products, or on-line linking of our data to users models over the internet. *GeoAnalyst* will be built on the technology that has been developed at TRFIC in a partnership with the Environmental Systems Research Institute (ESRI). Out of that cooperation, TRFIC acquired specialized capabilities in web-GIS that will allow us to build maps on demand. *GeoAnalyst* may be used in a standard web browser without any special plug-in or applets. It will use the most recent technology in the area of java Server pages (JSP) and JavaScript. *GeoAnalyst* uses XML requests, merging requested data from distributed databases using open specification interfaces (OGC, Shapefiles, XML, GML).

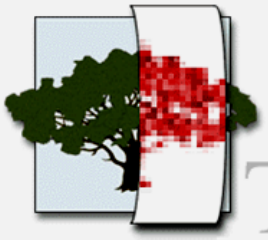
Services

GeoSearch, GeoZoom



Upload Polygons

GeoAnalyst, GeoBundle



TRFIC

TROPICAL RAIN FOREST INFORMATION CENTER

The Tropical Rain Forest Information Center is a NASA Earth Science Information Partner (ESIP). Our mission is to provide NASA data, products and information services to the science, resource management, and policy and education communities. We provide Landsat and other high resolution satellite remote sensing data as well as digital deforestation maps and databases to a range of users through web-based Geographic Information Systems. We also provide scientific information on the current state of the world's tropical forests, and value-added expert services. *more...*

Data Port
Landsat archive, radar data, on-line ordering...

Data Brokerage
custom acquisitions, data services, co-op...

Products
Maps, Derived Products, Professor's Corner...

Services
Partnering, Consulting...

News & Information
RFRC, events, activities, documents...

Science Program
BSRSI overview, research, facilities...

Contacts
how to reach us...

Notice: we are making changes to this web site on nearly a daily basis. If you have bookmarked specific pages, those bookmarks may need to be updated. Please refresh your browser often and report any broken links to:
webmaster@bsrsi.msu.edu -- 6/5/00

NASA

TRFIC has been visited
10649
times since April 5, 2000

ESIP FEDERATION

MSU TRFIC Search - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit

Address ION=&TITLE=&ADDRESS_1=&ADDRESS_2=&CITY=&ZIP=&COUNTRY=&PHONE=&FAX=&REGION_OF_INTEREST=Brazilian+Amazon&AREA=&PRIME_USE_FOR_DATA= Go Links

Search the TRFIC™ Archive

Step 1: Select Sensor Types

Sensor Type: TM - TRFIC, MSS - TRFIC, JERS-1 GRFM

Step 2: Select Date Range(s) (use shift and control keys to select multiple years)

Year: All, 1972, 1973, 1974

Month: All, January, February, March

Step 3: Select Cloud Coverage (Select from one of the options below)

Cloud Coverage: All

Step 4: Select the Maximum Number of Scenes Returned:

Return Max. # of Scenes: 500

Step 5: Select Region / Area of Interest (first choose type, then area)

Select Area Type: Country

Upload Shape | Digitize your query area

Country: Brazil

Submit

Change User/Password

MSU TRFIC Map Frame - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit

Address http://foliage.geo.msu.edu/trficapp/cgi-bin/trfic_cgi.exe?

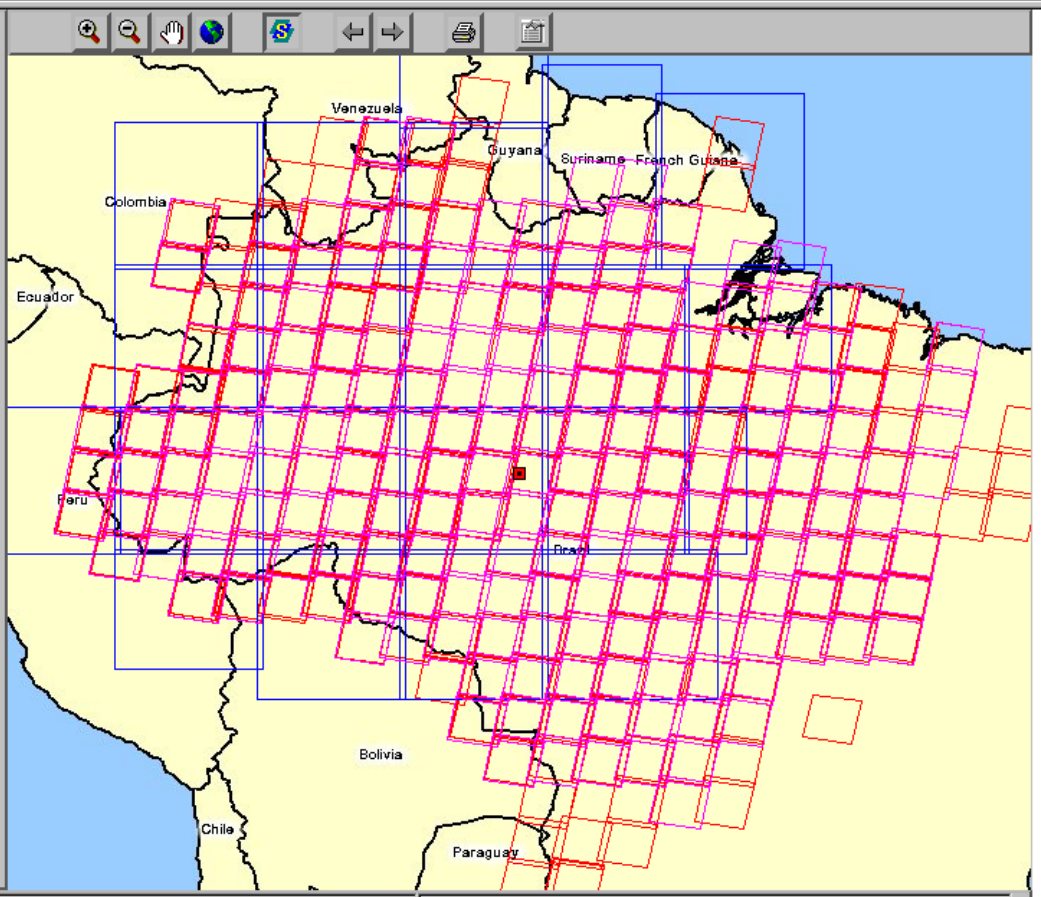
Go Links

Footprints:

- TM - TRFIC (548)
- MSS - TRFIC (0)
- JERS-1 GRFM (21)
- ETM - LS7 (197)
- OTHER (0)

Data Richness:

- No Theme
- All Footprints
- TM - TRFIC
- MSS - TRFIC
- JERS-1 GRFM
- ETM - LS7



Tool: 2210691990062821990/jun/28

Position Long.: -47.3.14 Lat.: -12.22.47

Current Map Extent

-76.51.56 7.25.38
-40.56.24 -21.52.44

Sensor Type

TM,JER,ETM

TM - TRFIC
MSS - TRFIC
JERS-1 GRFM

Year

All

All
1972
1973

Month

All

All
January
February

Cloud Coverage

All

All

Submit

Display	Scene ID	Sensor	Acquired	Path	Row	% Cloud Cover
☐	4066198607032	TM	03/jul/1986	4	66	0
☐	5060199004162	TM	16/apr/1990	5	60	30
☐	5064199008062	TM	06/aug/1990	5	64	0
☐	5067199008062	TM	06/aug/1990	5	67	20
☐	4064199107012	TM	01/jul/1991	4	64	20
☐	5059199201162	TM	16/jan/1992	5	59	10
☐	5063199308302	TM	30/aug/1993	5	63	10
☐	6066199308052	TM	05/aug/1993	6	66	10
☐	6065199308052	TM	05/aug/1993	6	65	10

Complete Order

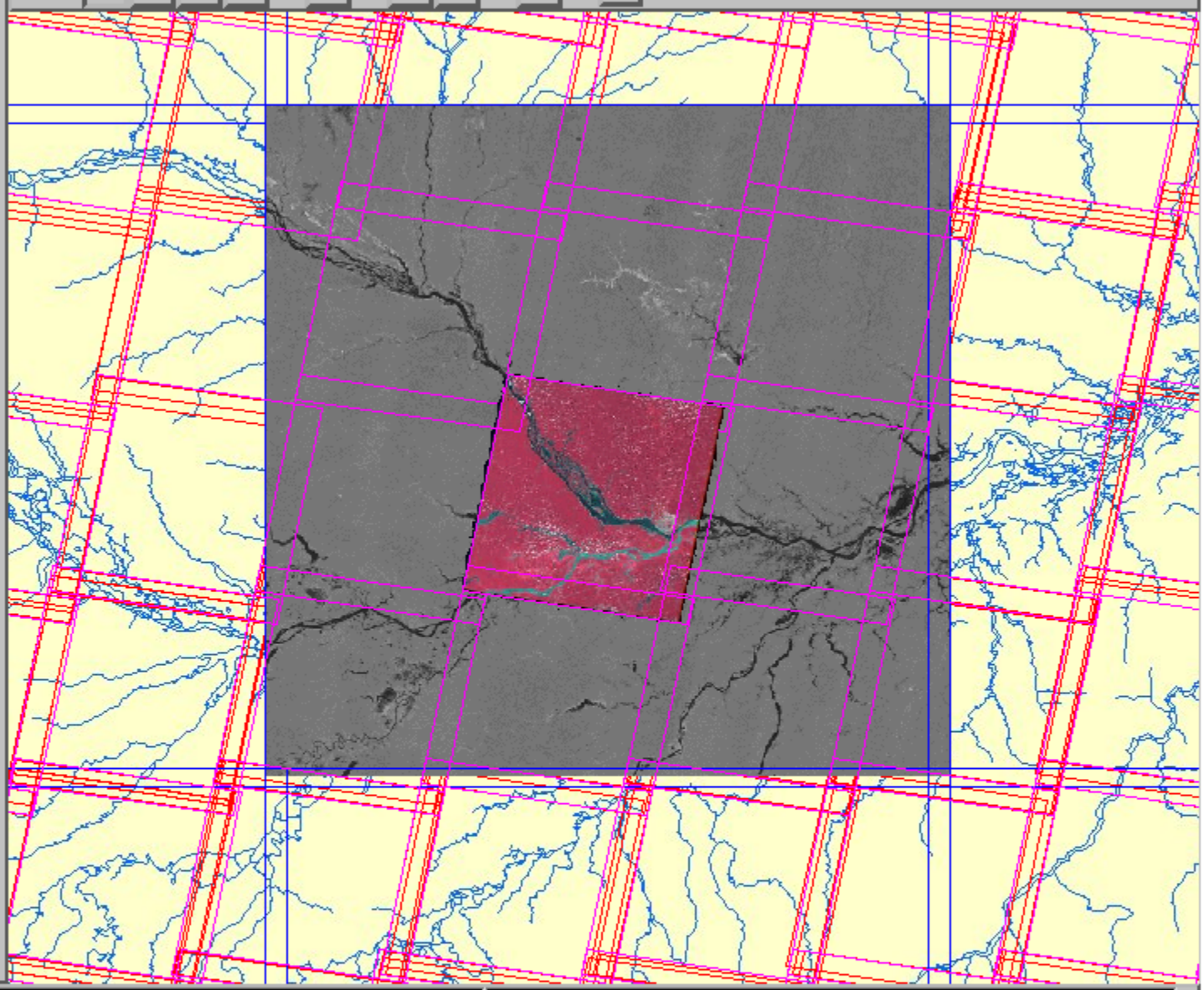
To view a scene in more detail and place an order, click on the 'Scene ID'.

TRFIC Home

Feedback

Done

Internet



M - TRFIC (548)
SS - TRFIC (0)
RS-1 GRFM (21)
TM - LS7 (197)
THER (0)

Richness:
o Theme
Footprints
M - TRFIC
SS - TRFIC
RS-1 GRFM
TM - LS7

Extent
-65.01.23 0.46.58
-56.02.30 -6.32.37

Sensor Type
TM,JER,ETM
TM - TRFIC
MSS - TRFIC
JERS-1 GRFM

Year
All
All
1972
1973

Month
All
All
January
February

Cloud Coverage
All
All

Submit

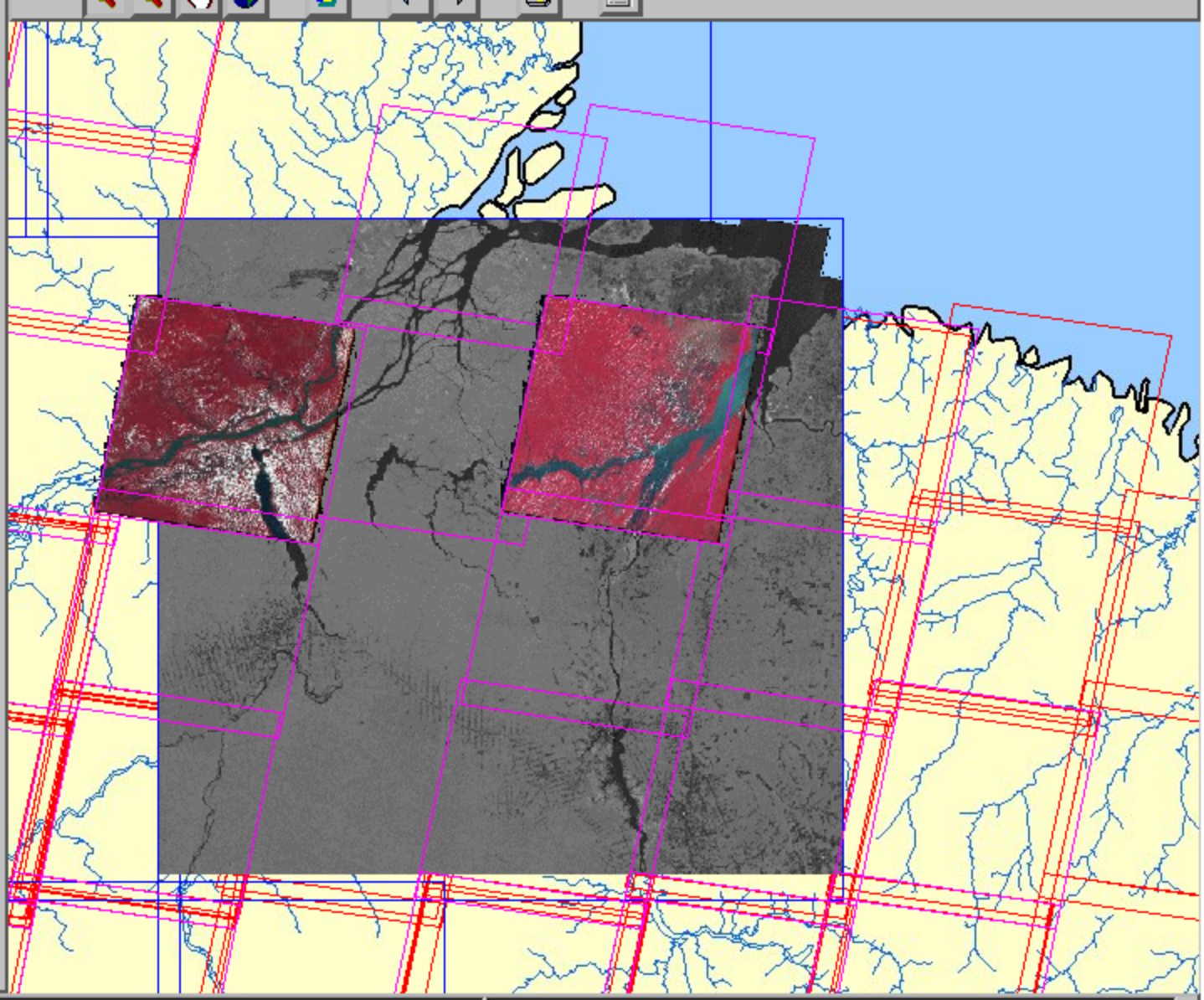
Preferences Dialog

Position Long.: -64.43.57 Lat.: -1.5.11

223061198607172	TM	17/jul/1986	223	61	20
221071198609212	TM	21/sep/1986	221	71	0
221065199006282	TM	28/jun/1990	221	65	0
221066199006282	TM	28/jun/1990	221	66	0
221067199006282	TM	28/jun/1990	221	67	0

Complete Order

To view a scene in more d
and place an order, click o
'Scene ID'.



M - TRFIC (548)
SS - TRFIC (0)
RS-1 GRFM (21)
TM - LS7 (197)
THER (0)

Richness:
o Theme
Footprints
M - TRFIC
SS - TRFIC
RS-1 GRFM
TM - LS7

Zoom out centering map on point clicked

Position Long.: -52.20.26 Lat.: -2.6.35

Extent
-54.12.36 1.33.57
-45.13.43 -5.45.37

Sensor Type
TM,JER,ETM
TM - TRFIC
MSS - TRFIC
JERS-1 GRFM

Year
All
All
1972
1973

Month
All
All
January
February

Cloud Coverage
All
All

Submit

223061198607172	TM	17/jul/1986	223	61	20
221071198609212	TM	21/sep/1986	221	71	0
221065199006282	TM	28/jun/1990	221	65	0
221066199006282	TM	28/jun/1990	221	66	0

Complete Order

To view a scene in more d
and place an order, click o
'Scene ID'.

1974 | February | March

Step 3: Select Cloud Coverage (Select from one of the options below)

Cloud Coverage: All

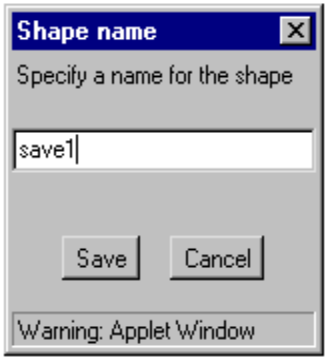
Step 4: Select the Maximum Number of Scenes Returned:

Return Max. # of Scenes: 1500

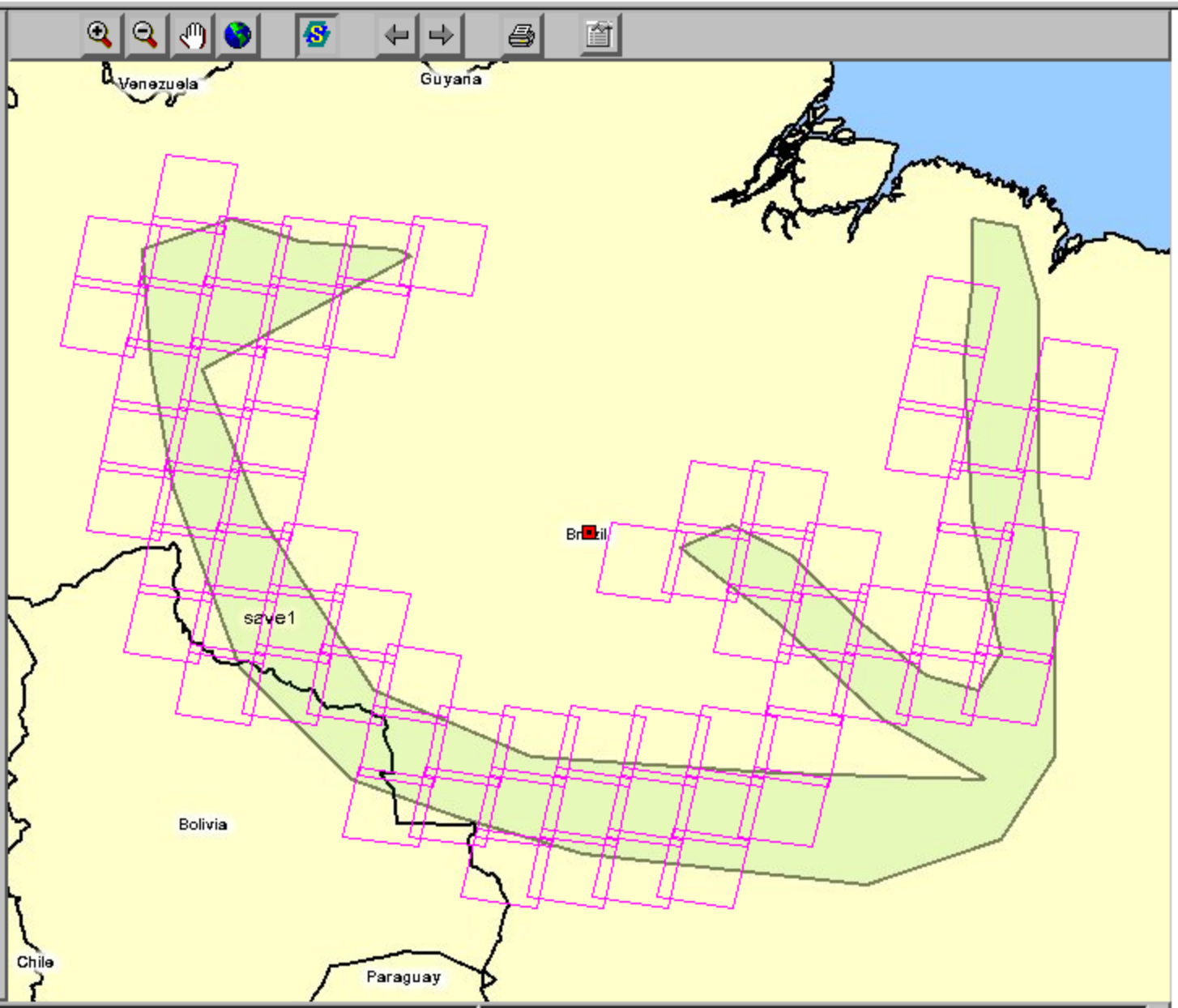
Step 5: Select Region / Area of Interest (first choose type, then area)

Select Area Type: Country | Upload Shape | Digitize your query area

Country: Brazil | Submit



Internet



Position Long.: -50.48.12 Lat.: 1.31.41

Current Map Extent

-69.19.48 1.40.51
-41.56.28 -20.28.29

Sensor Type

ETM

TM - TRFIC
MSS - TRFIC
JERS-1 GRFM

Year

All

All
1972
1973

Month

All

All
January
February

Cloud Coverage

All

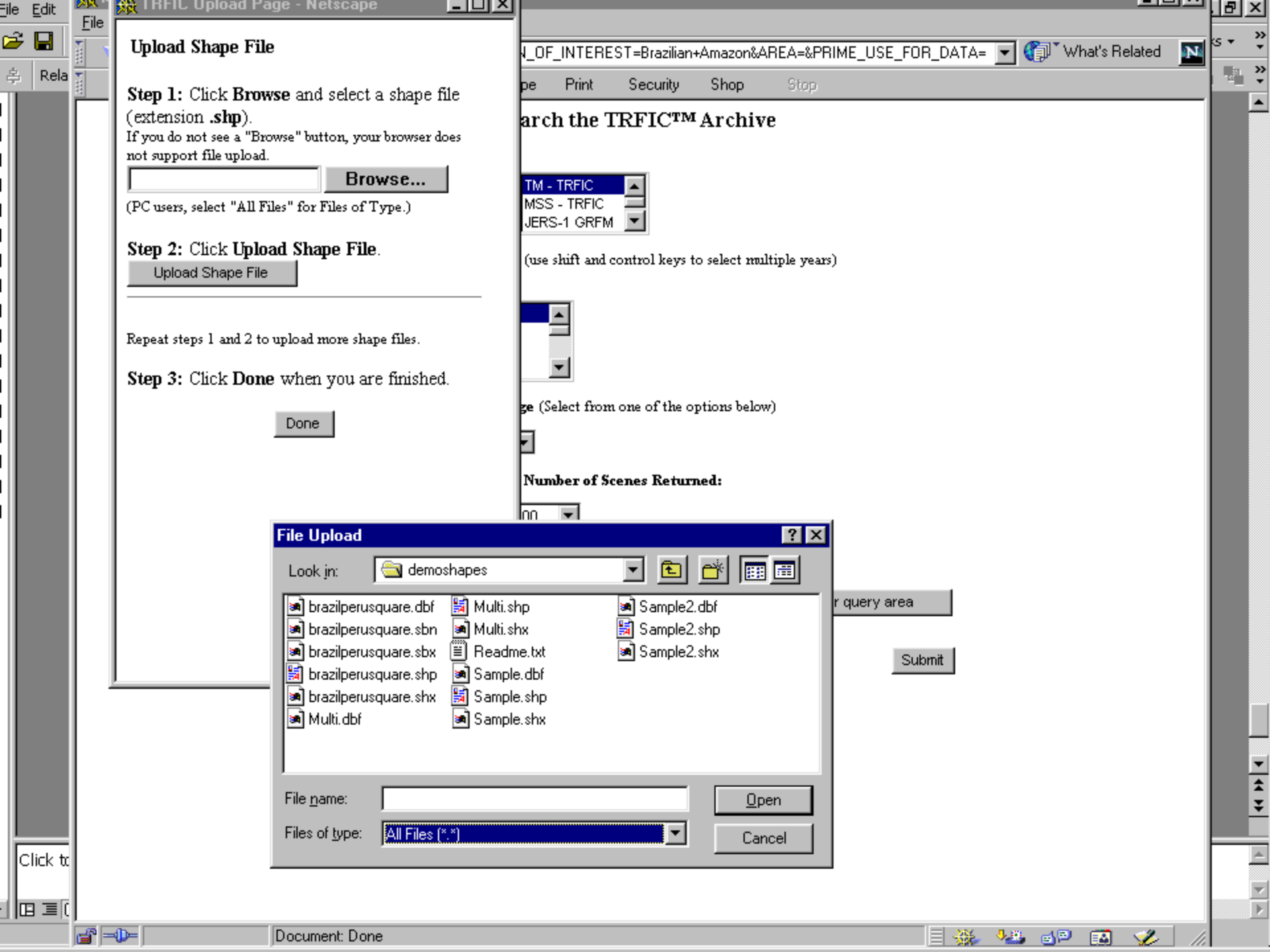
All

Submit

Scene ID	Sensor	Acquired	Path	Row	% Cloud Cover
1061199910142	ETM	14/oct/99	1	61	19
1062199908272	ETM	27/aug/99	1	62	11
1063200002192	ETM	19/feb/100	1	63	18

Complete Order

To view a scene in more d


TRFIC Upload Page - Netscape
Upload Shape File
Step 1: Click Browse and select a shape file (extension .shp).
If you do not see a "Browse" button, your browser does not support file upload.
Browse...
(PC users, select "All Files" for Files of Type.)
Step 2: Click Upload Shape File.
Upload Shape File
Repeat steps 1 and 2 to upload more shape files.
Step 3: Click Done when you are finished.
Done
N_OF_INTEREST=Brazilian+Amazon&AREA=&PRIME_USE_FOR_DATA=
What's Related
Print
Security
Shop
Stop
arch the TRFIC™ Archive
TM - TRFIC
MSS - TRFIC
JERS-1 GRFM
(use shift and control keys to select multiple years)
ge (Select from one of the options below)
Number of Scenes Returned:
r query area
Submit
File Upload
Look in:
demoshapes
brazilperusquare.dbf
brazilperusquare.sbn
brazilperusquare.sbx
brazilperusquare.shp
brazilperusquare.shx
Multi.dbf
Multi.shp
Multi.shx
Readme.txt
Sample.dbf
Sample.shp
Sample.shx
Sample2.dbf
Sample2.shp
Sample2.shx
File name:
Files of type:
All Files (*.*)
Open
Cancel
Document: Done

MSU TRFIC Map Frame - Netscape

File Edit View Go Communicator Help

Bookmarks Location: http://foliage.geo.msu.edu/trficapp/cgi-bin/trfic_cgi.exe? What's Related

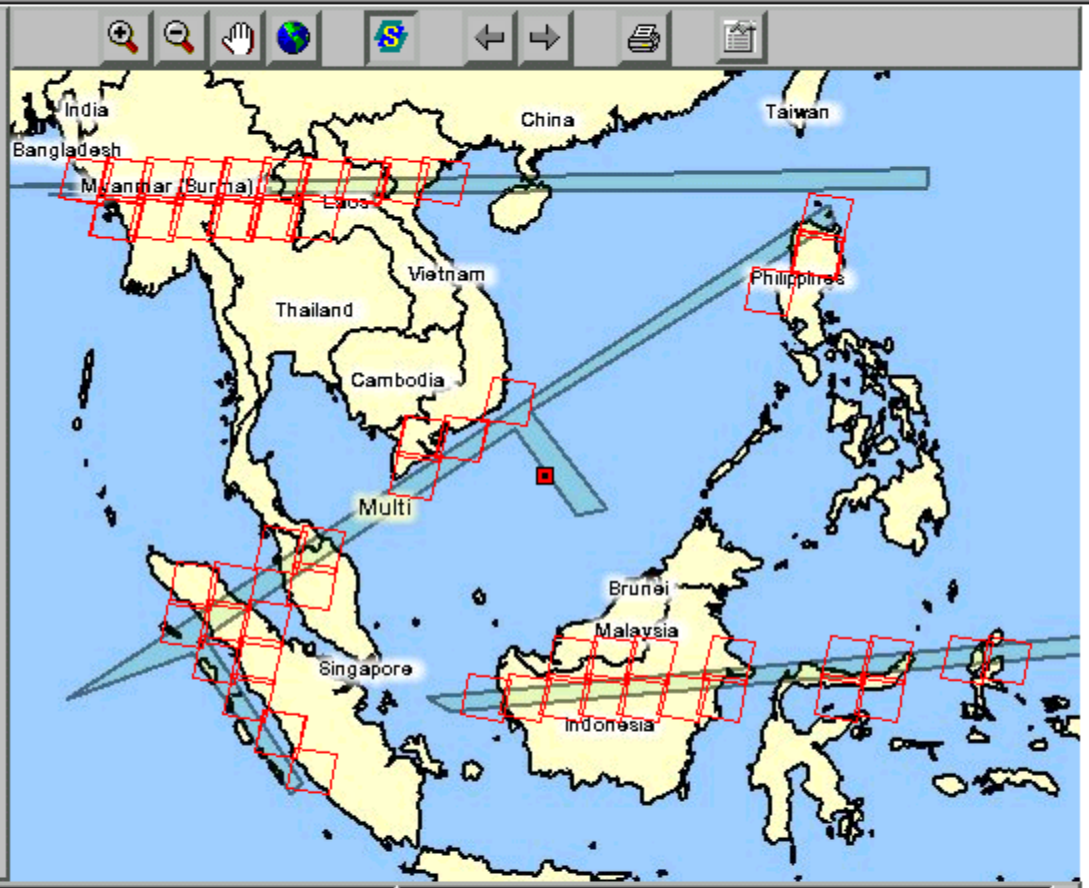
Back Forward Reload Home Search Netscape Print Security Shop Stop

Footprints:

- [x] TM - TRFIC (94)
- [x] MSS - TRFIC (0)
- [x] JERS-1 GRFM (0)
- [x] ETM - LS7 (0)
- [x] OTHER (0)

Data Richness:

- [x] No Theme
- [ ] All Footprints
- [ ] TM - TRFIC
- [ ] MSS - TRFIC
- [ ] JERS-1 GRFM
- [ ] ETM - LS7



Tool:

Current Map Extent

89.47.59 24.32.46
131.44.10 -7.12.00

Sensor Type

TM

TM - TRFIC
MSS - TRFIC
JERS-1 GRFM

Year

All

All
1972
1973

Month

All

All
January
February

Cloud Coverage

All

All

Submit

Display	Scene ID	Sensor	Acquired	Path	Row	% Cloud Cover
☐	127061199005252	TM	25/may/1990	127	61	10
☐	130057199001062	TM	06/jan/1990	130	57	0
☐	127057199102212	TM	21/feb/1991	127	57	10
☐	130058199101092	TM	09/jan/1991	130	58	10
☐	126062199204052	TM	05/apr/1992	126	62	20
☐	128046199211292	TM	29/nov/1992	128	46	0

Complete Order

To view a scene in more detail and place an order, click on the 'Scene ID'.

TRFIC Home

Feedback

Document: Done

TRFIC Image Browser - Microsoft Internet Explorer

Scene ID: t2240610801922
Path: 224
Row: 061
Date Aquired: 08/01/92
Sensor: Thematic Mapper
Cloud Cover: 0

Add Scene to Order | Reset Browser | Close Browser

Select Band | Select Band | Select Band

Image scale 1:32

Select a point in image to apply new display settings.

Image display size 640 x 520

RGB combination: 4, 3, 2 Display size: 257 x 226 Scale: 1:32

Scene ID: t2240610801922
Path: 224
Row: 061
Date Aquired: 08/01/92
Sensor: Thematic Mapper
Cloud Cover: 0

Add Scene to Order Reset Browser Close Browser

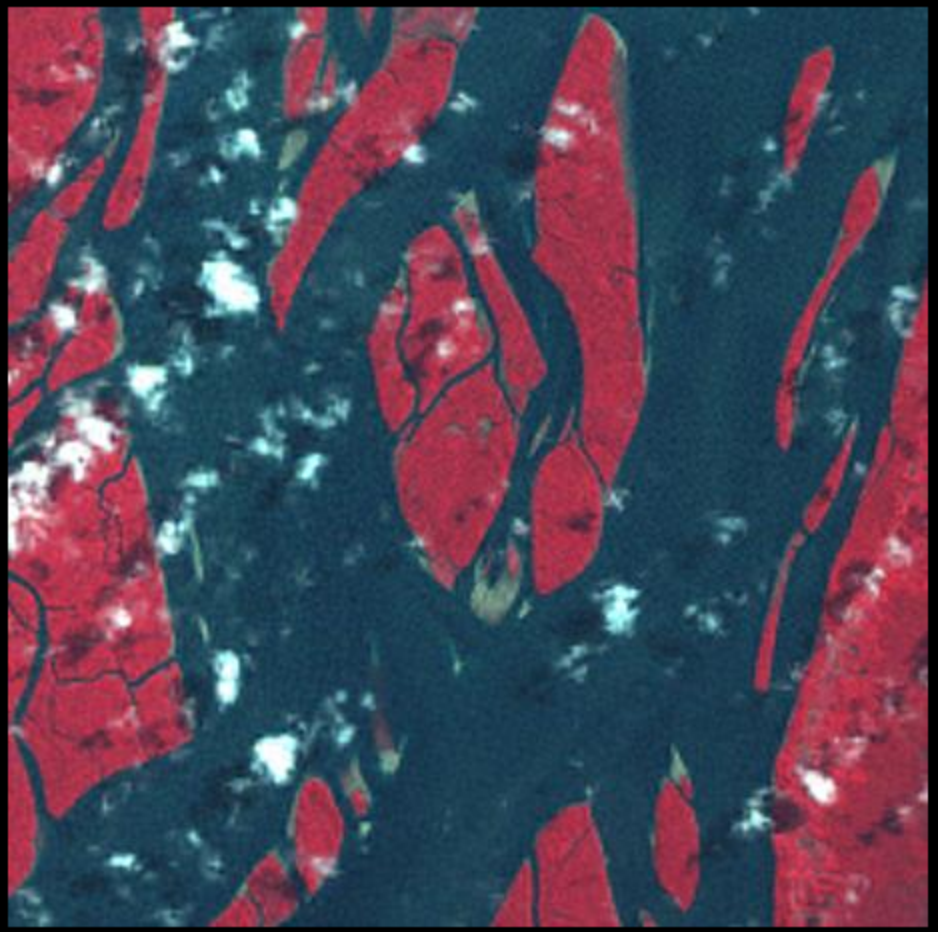
Select Band | Select Band | Select Band

Image scale 1:1

Select a point in image to apply new display settings.

Image display size 460 x 460

RGB combination: 4, 3, 2 Display size: 460 x 460 Scale: 1:1



Landsat.org Home Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address http://www.landsat.org/ Go Links

AIM Search Highlight Pop-Ups Blocked: 29 AIM Games Personals Weather

Landsat.org

Data Hosting & Services Search for Imagery About

Landsat.org supports the purchasing, distribution, and sharing of Landsat 4, 5 and 7 imagery worldwide by providing a simple, platform-independent user interface and search engine with online data ordering. Landast.org supports research centers, science teams, and educational organizations by providing customized search interfaces, access to data hosting services, clearinghouse services, data brokering, and imagery cooperatives.

Satellite Image Gallery

Landsat.org_ETM+ classic search tool (ideal for Mac users)

Landsat.org_TM classic search tool

NEWS:

- Satellite Assessment of the Impact of the Indonesia Tsunami ...*more*
- African scientists gain access to ortho-rectified Landsat data ...*more*

Done Internet

start Microsoft PowerPoint ... Landsat.org Home Pa... 10:44 PM

Landsat.org Home Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address http://www.landsat.org/ Go Links

AIM Search Highlight Pop-Ups Blocked: 29 AIM Games Personals Weather

Landsat.org

Data Hosting & Services | Search for Imagery | About

- Landsat 7 (ETM+)
- Landsat 4/5 (TM)
- Landsat Ortho **(FREE)**

Landsat.org supports the purchasing, distribution, and sharing of Landsat 4, 5 and 7 imagery worldwide by providing a simple, platform-independent user interface and search engine with online data ordering. Landast.org supports research centers, science teams, and educational organizations by providing customized search interfaces, access to data hosting services, clearinghouse services, data brokering, and imagery cooperatives.

Satellite Image Gallery

Landsat.org_ETM+ classic search tool (ideal for Mac users)

Landsat.org_TM classic search tool

NEWS:

- Satellite Assessment of the Impact of the Indonesia Tsunami ...*more*
- African scientists gain access to ortho-rectified Landsat data ...*more*

Done Internet

start Microsoft PowerPoint ... Landsat.org Home Pa... 10:44 PM

Access7 engine - Netscape

File Edit View Go Bookmarks Tools Window Help

Home Netscape Search Customize...

Notice: Data acquired after July 14, 2003 were collected in SLC-Off mode. No data are available for 05/31/03- 07/14/03 and 09/03/03 - 09/17/03

Landsat.org

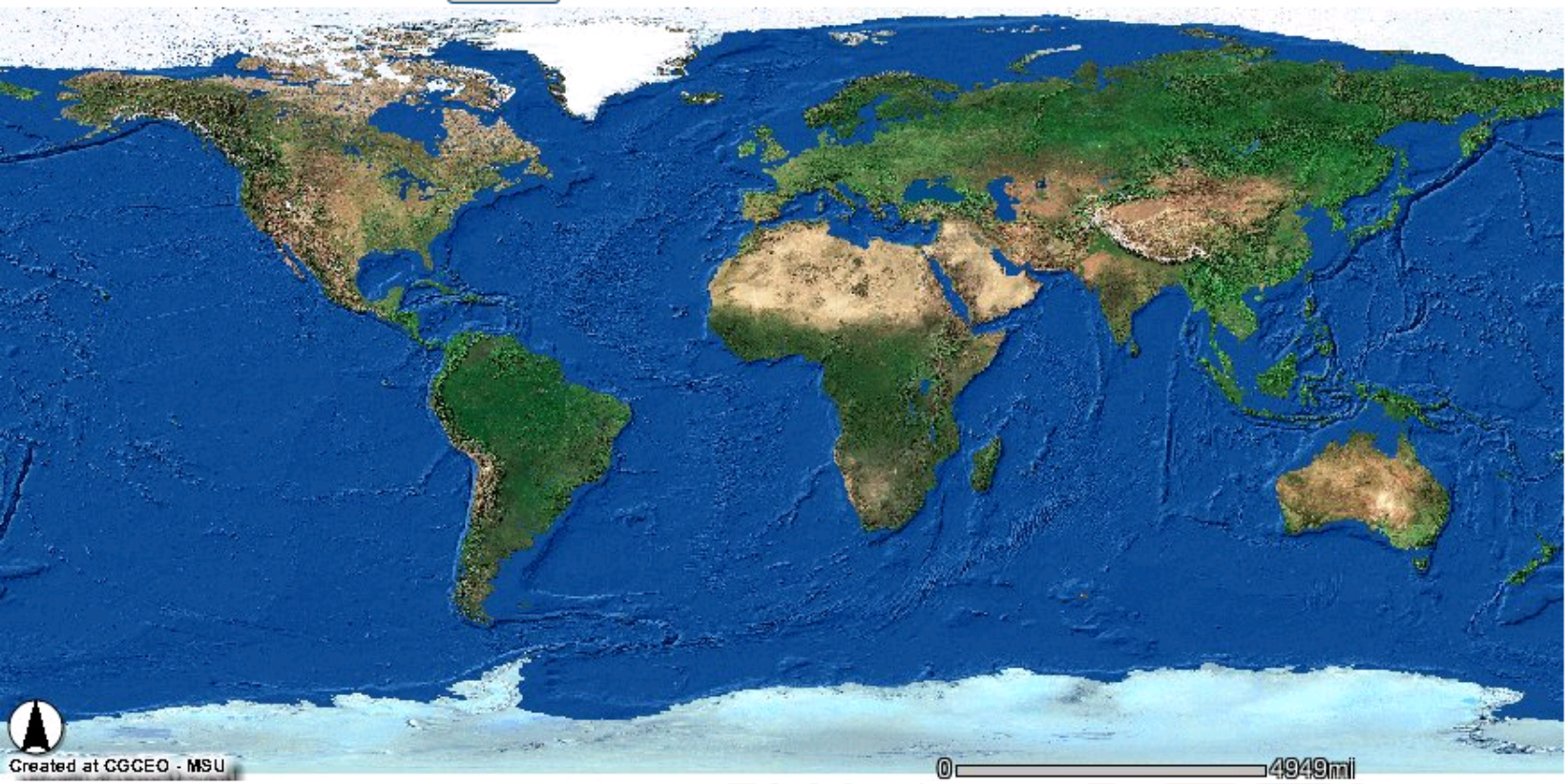
Landsat 7 (ETM+) Search Engine

Modify any of these parameters and click "Search" to start a search OR use the interactive map below.

Path: Row: OR Lat.(dd) Lon.(dd)

From: Month Year To: Month Year Cloud Cover: Cloud Sort Dates

Search



N W E S

Themes

Visible

Global Map

Refresh Map

Transfering data from foliage.geo.msu.edu...

start | Landsat.org H... | MSU Webmail ... | Windows Task ... | Landsat.org H... | Access7 engin... | 11:28 PM

Access7 engine - Netscape

File Edit View Go Bookmarks Tools Window Help

Home Netscape Search Customize...

Notice: Data acquired after July 14, 2003 were collected in SLC-Off mode. No data are available for 05/31/03- 07/14/03 and 09/03/03 - 09/17/03

Landsat.org

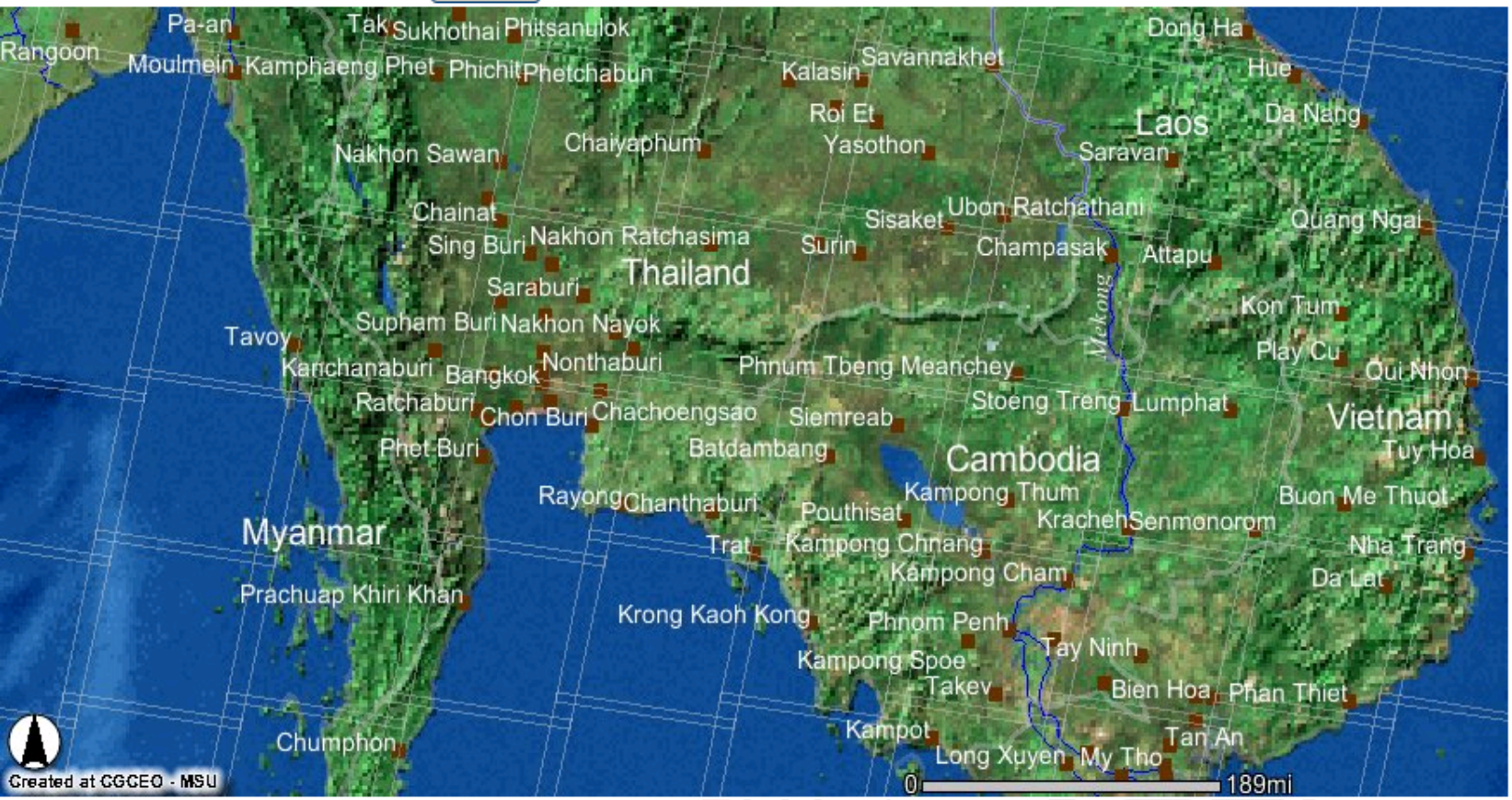
Landsat 7 (ETM+) Search Engine

Modify any of these parameters and click "Search" to start a search OR use the interactive map below.

Path: Row: OR Lat.(dd) Lon.(dd)

From: Month Year To: Month Year Cloud Cover: Cloud Sort Dates

Search



N W E S

Themes

Visible

- WRS II Footprints
- Cities
- Canada Provinces
- USA States
- Countries
- Rivers
- Lakes
- Global Map

Refresh Map

Zoom In

SELECT CLEAR

Access7 engine - Netscape

File Edit View Go Bookmarks To

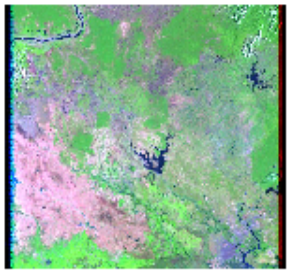
Path: Row: OR

From: Month Year To: Mo

Select a location

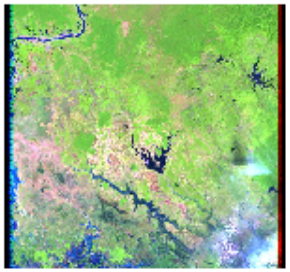
Transferring data

GeoZoom



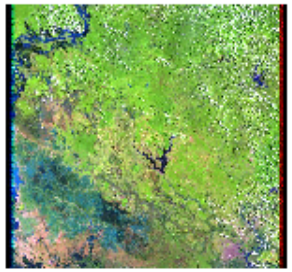
January 18, 2004 (018)

$50
Add to Order
GeoZoom



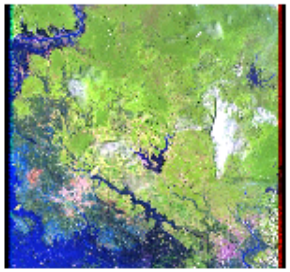
December 01, 2003 (335)

$600
Add to Order



August 27, 2003 (239)

$600
Add to Order

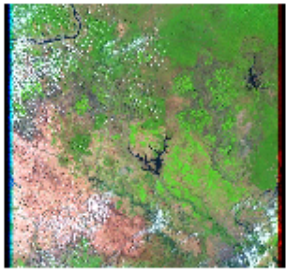


October 11, 2002 (284)

$600
Add to Order

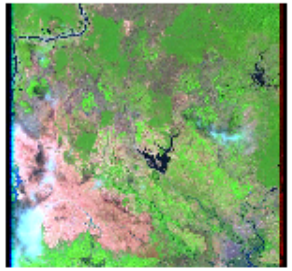
May 04, 2002 (124)

$50
Add to Order
GeoZoom



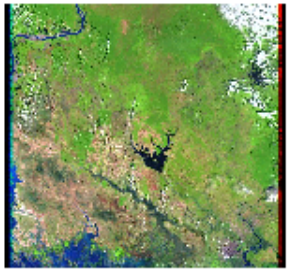
April 02, 2002 (092)

$600
Add to Order



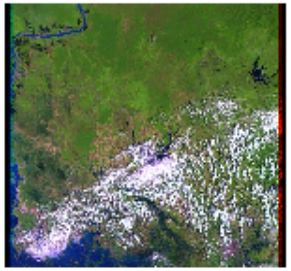
February 13, 2002 (044)

$50
Add to Order
GeoZoom



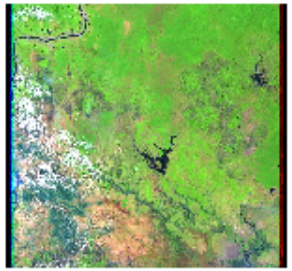
December 11, 2001 (345)

$600
Add to Order



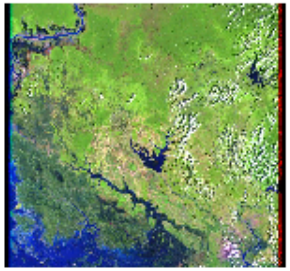
November 25, 2001 (329)

September 06, 2001 (249)



April 15, 2001 (105)

$50



November 06, 2000 (311)

TRFIC Image Browser - Netscape

Scene ID: e1250520213022
Path: 125
Row: 052
Date Acquired: 02/13/02
Sensor: ETM+
Cloud Cover: N/A

Reset Close
User cost: **$50** US

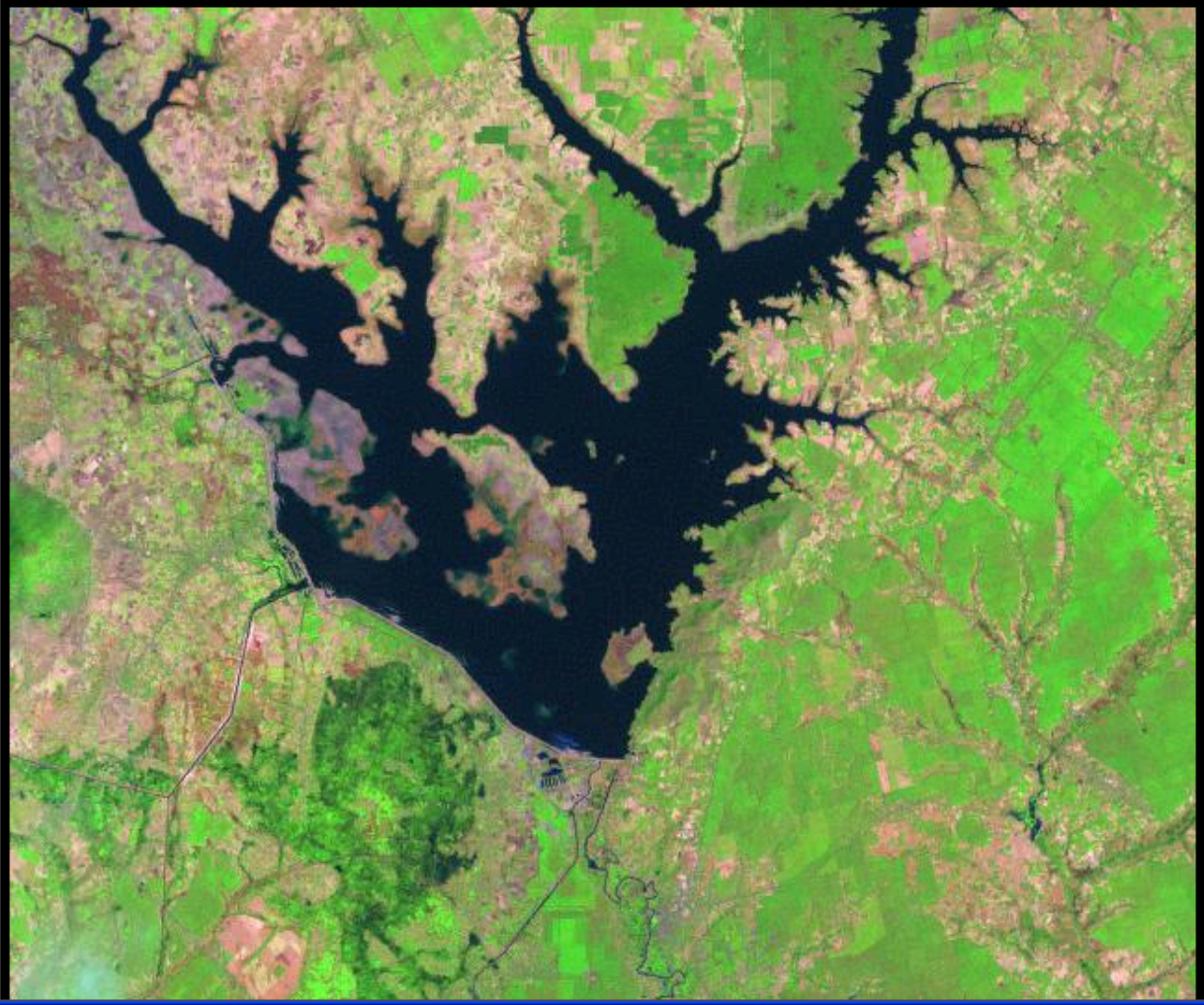
Select Band | Select Band | Select Band

Image scale 1:2

Select a point in image to apply new display settings.

Image display size 640 x 520

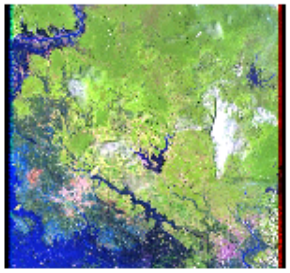
RGB combination: 5, 4, 3 Display size: 640 x 520 Scale: 1:2



GeoZoom

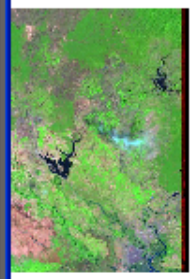
st 27, 2003
(239)

$600
to Order



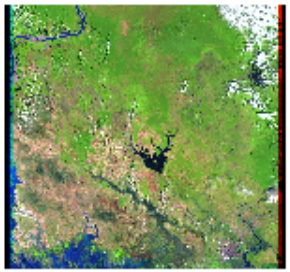
October 11, 2002
(284)

$600
Add to Order



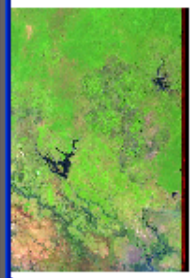
ary 13, 2002
(044)

$50
to Order
eoZoom



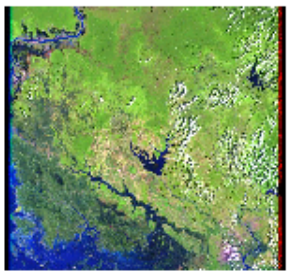
December 11, 2001
(345)

$600
Add to Order



15, 2001
(105)

$50



November 06, 2000
(311)

Landsat.org

FREE Global Orthorectified Landsat Data via FTP

Landsat.org, an affiliate of the Tropical Rain Forest Information Center (TRFIC), now hosts the Global Orthorectified Landsat Datasets for three epochs: 1970's MSS, 1990's TM, and 2000's ETM+. We provide access to these data for the global community of users for **FREE**.

You can also order large sets of data and we will deliver them to you. See details here.

STEP 1:Use the Path-Row Finder to identify your Path / Row area of interest (application help)

STEP 2: Access data through the links below. The links open up an ftp site showing a list of folders with "Path" lables. Click to open a "Path" folder and again to open a "Row" folder. Within each row folder will be one or two "Scene" folders containg data. Download files in the "Scene" folders to your local computer using the mouse "right click" and "save as" function or by selecting (highlighting) files and using the "copy" and "paste" functions.

Landsat ETM+ Data (2000's)

WRS 2

- Paths 001 - 015
- Paths 016 - 029
- Paths 030 - 048
- Paths 049 - 088
- Paths 089 - 106
- Paths 107 - 119
- Paths 120 - 131

Landsat TM Data (1990's)

WRS 2

- Paths 001 - 034
- Paths 035 - 109
- Paths 110 - 136
- Paths 137 - 167
- Paths 168 - 188
- Paths 189 - 233

Landsat MSS Data (1970's)

WRS 1

- Paths 001 - 251

SAFARI2000: TRFIC Data Hosting - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Real.com

Address http://bsrsi.msu.edu/trfic/SAFARI2000/ Go Links

SAFARI 2000

TROPICAL RAIN FOREST INFORMATION CENTER
Data Hosting Services for SAFARI 2000

The Tropical Rain Forest Information Center (TRFIC) supports the SAFARI 2000 international regional science initiative through EOS data hosting services. Registered SAFARI 2000 scientists can access browse products and metadata as well as order Landsat 7 ETM+, Landsat Geocoded TM and IKONOS data through this web site. In addition, TRFIC has developed a mission-planning tool that allows SAFARI 2000 project managers and scientists to identify and order through TRFIC Landsat ETM+ in the National US Archive.

TRFIC is also working with the University of the Witwatersrand in South Africa to establish a TRFIC-ESIP South Africa Data Node that will facilitate and expedite data distribution to regional scientists in southern Africa.

EOS Data Links for the SAFARI 2000 Campaign:

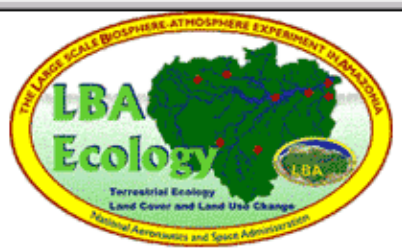
- Landsat 7 ETM+
- IKONOS
- Landsat Geocoded TM

Other Services:

- Global Archive of EOS Data at TRFIC (a Web-based GIS Interface)
- Mission Planning Tool (Landsat 7 ETM+ Data Only)

Done Internet

TRFIC



TRFIC graphic

TROPICAL RAIN FOREST INFORMATION CENTER

HOSTING FOR LBA-E PROGRAM

The Tropical Rain Forest Information Center (TRFIC) supports NASA's Large Scale Biosphere-Atmosphere Ecology Project through access to a variety of data products.

EOS Data Access for the Brazilian Amazon:

- Order Historic MSS, TM, ETM+, JERS (**Option 1**) Web-GIS Interface permits on-screen polygon digitizing, shapefile upload, and other geographic searches as part of a spatially enabled Oracle database of the TRFIC data archive with online, full-resolution browse products and online ordering at dramatically reduced cost.
- Order Historic MSS, TM and ETM+ (**Option 2**) Simple HTML interface with WRS maps provide alternative access to imagery archived at the TRFIC also with online, full-resolution browse products and online ordering at dramatically reduced cost.
- Order Any Available ETM+ Scene (**Option 3**) Simple HTML interface to searchable database (dynamically updated daily) of browse products by scene. Use this interface to purchase scenes outside the TRFIC archive thorough the TRFIC brokering service. Images already in the TRFIC archive are noted and reflect the reduced co-op price. Powered by Access7™

LBA-E project scientists can access Landsat data archived at the TRFIC through three data portals: 1) a web-based GIS interface with granule and map layer overlay functions, and 2) a simple HTML interface with hot linked maps of the Brazilian Amazon states and WRS tiles. These two data portals provide access to

Landsat 7 Scenes Available for Path 175, Row 71 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Real.com

Address ss7.pl?Path=175&Row=71&Cloud=80&StartMonth=06&StartYear=1999&EndMonth=02&EndYear=2001&Sort=DESC&submit=Fetch Go Links

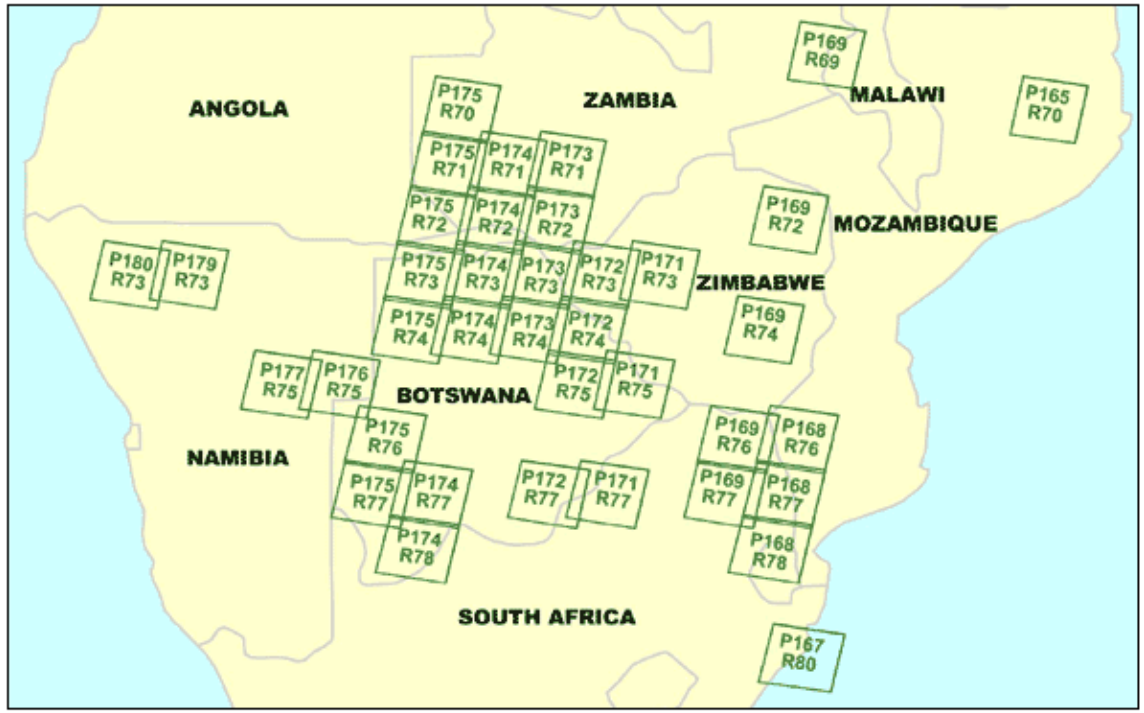
Access 7

MICHIGAN STATE UNIVERSITY

Version 3.1 with StripBuilder and Online Ordering

Landsat 7 ETM+ Scenes through May 26, 2001

N



W E

S

Modify any of these parameters and click "Fetch" to refresh your search.

Done Internet

MIOMBO Network: TRFIC Data Hosting - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Real.com

Address http://bsrsi.msu.edu/trfic/MIOMBO/ Go Links

TRFIC

TROPICAL RAIN FOREST INFORMATION CENTER

Data and Data Services Hosting for the MIOMBO Network

The Tropical Rain Forest Information Center (TRFIC) supports the MIOMBO Network through EOS data hosting services. MIOMBO scientists can access browse products and order Landsat data hosted through this site. In addition, TRFIC has developed a mission-planning tool that allows MIOMBO project managers and scientists to identify and order, through TRFIC, Landsat ETM+ data in the US National Archive.

Mission Planning Tool: (Landsat 7 ETM+ Data Only)

Below is the list of Landsat 5 TM data being hosted by TRFIC for the MIOMBO Network. The 'Date of Acquisition' links go to browse products of the data.

Please order the data using this order form.

WRS2 Path	WRS2 Row	Date of Acquisition	Bands
167	70	02/29/88	7
167	71	11/27/88	7
167	71	02/08/92	7

Done Internet