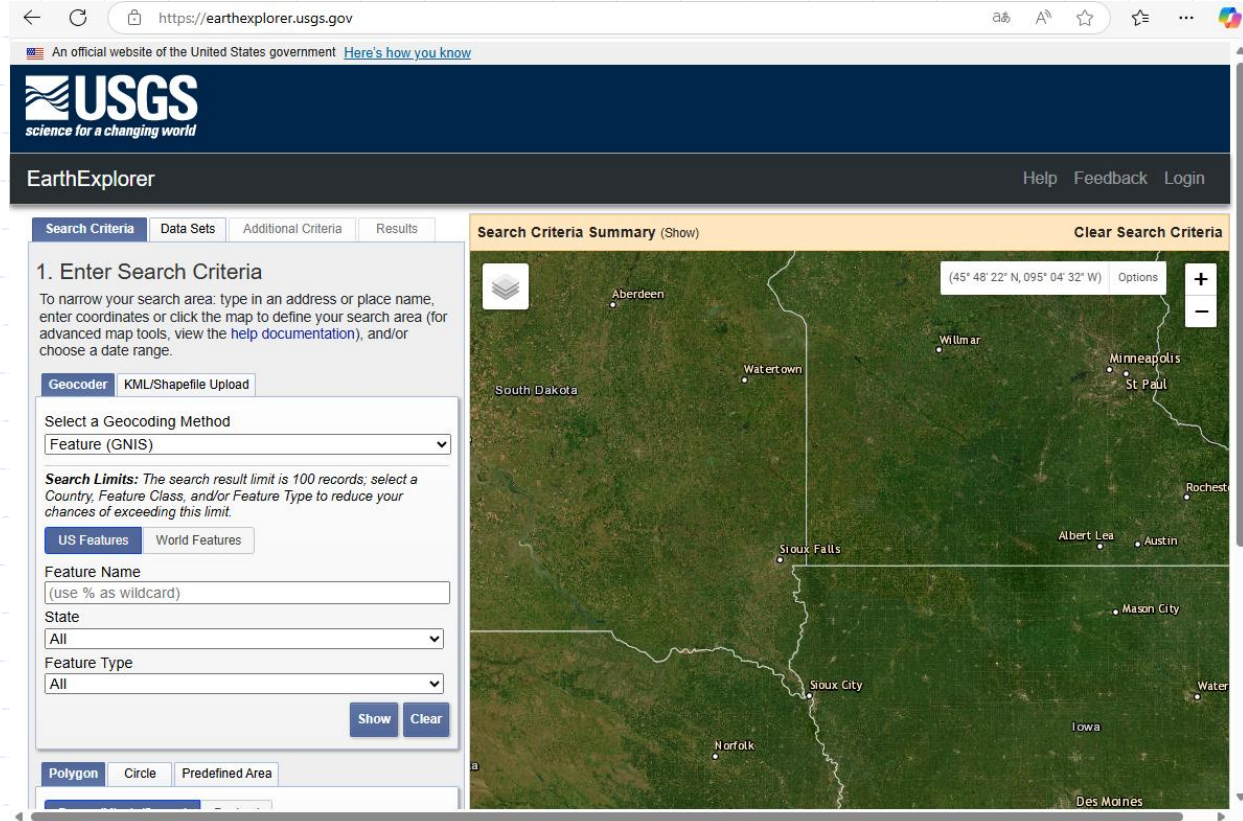


Sensoriamento Remoto – SR

Aquisição de imagens LandSat

Acessar o site USGS
Earth Explorer:
[https://earthexplorer.
usgs.gov](https://earthexplorer.usgs.gov)

Clique em **Login**,
para acessar sua
conta.



The screenshot shows the USGS Earth Explorer website. The browser address bar displays <https://earthexplorer.usgs.gov>. The page header includes the USGS logo and the text "science for a changing world". Below the header, the "EarthExplorer" title is visible, along with links for "Help", "Feedback", and "Login". A yellow arrow points to the "Login" link.

The main content area is divided into two sections. On the left, the "Search Criteria" tab is active, showing a form for entering search criteria. The form includes a "Geocoder" section with a "Select a Geocoding Method" dropdown menu (currently set to "Feature (GNIS)"). Below this, there are "Search Limits" instructions and two tabs: "US Features" (selected) and "World Features". The "US Features" section contains fields for "Feature Name" (with a wildcard instruction), "State" (a dropdown menu), and "Feature Type" (a dropdown menu). At the bottom of this section are "Show" and "Clear" buttons. Below the "US Features" section are three tabs: "Polygon", "Circle", and "Predefined Area".

On the right, the "Search Criteria Summary (Show)" section displays a map of the United States. The map shows the state of South Dakota and surrounding areas. A search box in the top right corner of the map displays the coordinates "(45° 48' 22\" N, 095° 04' 32\" W)". The map also shows various cities and towns, including Aberdeen, Watertown, Willmar, Minneapolis, St. Paul, Rochester, Albert Lea, Austin, Mason City, Water, Des Moines, Sioux Falls, Sioux City, and Norfolk.

Sensoriamento Remoto – SR

Aquisição de imagens Landsat

Entrar com usuário e senha, caso não tenha faça seu cadastro gratuitamente.

Sign In

— sign in with your existing USGS registered username and password —

[forgot password?](#)

WARNING TO USERS OF THIS SYSTEM

This computer system, including all related equipment, networks, and network devices (including Internet access), is provided by the Department of the Interior (DOI) in accordance with the agency policy for official use and limited personal use. All agency computer systems may be monitored for all lawful purposes, including but not limited to, ensuring that use is authorized, for management of the system, to facilitate protection against unauthorized access, and to verify security procedures, survivability and operational security. Any information on this computer system may be examined, recorded, copied and used for authorized purposes at any time. All information, including personal information, placed or sent over this system may be monitored, and users of this system are reminded that such monitoring does occur. Therefore, there should be no expectation of privacy with respect to use of this system. By logging into this agency computer system, you acknowledge and consent to the monitoring of this system. Evidence of your use, authorized or unauthorized, collected during monitoring may be used for civil, criminal, administrative, or other adverse action. Unauthorized or illegal use may subject you to prosecution.

Sign In

— Don't have an account? —

Create New Account

Sensoriamento Remoto – SR

Aquisição de imagens Landsat

Selecionar a camada criada no GIS no formato shapefile.

Obs.: O conjunto shapefile deve está compactado num arquivo tipo .zip

The screenshot shows the 'Search Criteria' tab of a web application. Below the tabs, the section '1. Enter Search Criteria' provides instructions on how to narrow the search area. The 'KML/Shapefile Upload' section is highlighted, showing a dropdown menu with 'Shapefile' selected. A yellow arrow labeled '1' points to the dropdown. Another yellow arrow labeled '2' points to the 'Select File' button. A text box above the dropdown states: 'Files are limited to one record containing one polygon or line string with a maximum of 500 points.'

Search Criteria | Data Sets | Additional Criteria | Results

1. Enter Search Criteria

To narrow your search area: type in an address or place name, enter coordinates or click the map to define your search area (for advanced map tools, view the [help documentation](#)), and/or choose a date range.

Geocoder | **KML/Shapefile Upload**

Files are limited to one record containing one polygon or line string with a maximum of 500 points.

Shapefile ▾

KML/KMZ

Shapefile

Select File

Sensoriamento Remoto – SR

Aquisição de imagens LandSat

Search Criteria

Data Sets

Additional Criteria

Results

1. Enter Search Criteria

To narrow your search area: type in an address or place name, enter coordinates or click the map to define your search area (for advanced map tools, view the [help documentation](#)), and/or choose a date range.

Geocoder

KML/Shapefile Upload

Files are limited to one record containing one polygon or line string with a maximum of 500 points.

Shapefile

Select File

Polygon

Circle

Predefined Area

Degree/Minute/Second

Decimal

1. Lat: 11° 23' 32" S, Lon: 049° 00' 53" W

2. Lat: 09° 02' 58" S, Lon: 049° 00' 53" W

3. Lat: 09° 02' 58" S, Lon: 047° 41' 26" W

4. Lat: 11° 23' 32" S, Lon: 047° 41' 26" W

Use Map

Add Coordinate

Clear Coordinates

Date Range

Cloud Cover

Result Options

Search from: mm/dd/yyyy

to: mm/dd/yyyy

Search months: (all)

Data Sets >

Additional Criteria >

Results >

Search Criteria Summary (Show)

Clear Search Criteria

Leaflet | Tiles © Esri — Source: Esri, i-cubed, USDA, USGS, AEX, GeoEye, Getmapping, AeroGRID, IGN, IGP, UPR-EGP, and the GIS User

Sensoriamento Remoto – SR

Aquisição de imagens LandSat

Inserir o período das imagens desejadas, depois clique em **Data Sets**.

Search CriteriaData SetsAdditional CriteriaResults

1. Enter Search Criteria

To narrow your search area: type in an address or place name, enter coordinates or click the map to define your search area (for advanced map tools, view the [help documentation](#)), and/or choose a date range.

Geocoder

KML/Shapefile Upload

Files are limited to one record containing one polygon or line string with a maximum of 500 points.

Shapefile

Select File

Polygon

Circle

Predefined Area

Degree/Minute/Second

Decimal

1. Lat: 11° 23' 32" S, Lon: 049° 00' 53" W

2. Lat: 09° 02' 58" S, Lon: 049° 00' 53" W

3. Lat: 09° 02' 58" S, Lon: 047° 41' 26" W

4. Lat: 11° 23' 32" S, Lon: 047° 41' 26" W

Use Map

Add Coordinate

Clear Coordinates

Date Range

Cloud Cover

Result Options

Search from:

mm/dd/yyyy

to:

mm/dd/yyyy

Search months:

(all)

Data Sets »

Additional Criteria »

Results »

A yellow arrow pointing from the right side of the image towards the 'Search from' and 'to' date input fields in the 'Date Range' section of the search interface.

Sensoriamento Remoto – SR

Aquisição de imagens LandSat

Selecionar o sensor orbital desejado, nesse caso expanda **Landsat**.



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:

This data set list is cached for performance. If your user permissions have changed or you are not seeing an expected dataset, [click here to refresh your list](#).

- ☐ 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 
- ☐ LCMAP
- ☐ Radar
- ☐ UAS
- ☐ Vegetation Monitoring
- ☐ ISRO Resourcesat

Clear All Selected Additional Criteria » Results »

Sensoriamento Remoto – SR

Aquisição de imagens Landsat

Em **Data Sets** expanda **Landsat** e selecione uma das opções indicadas.

Obs.: Você poderá escolher mais de uma opção

Depois clique em **Additional Criteria** ou **Results**

The screenshot shows the 'Data Sets' tab of a web application. At the top, there are four tabs: 'Search Criteria', 'Data Sets' (active), 'Additional Criteria', and 'Results'. Below the tabs, the section is titled '2. Select Your Data Set(s)' with instructions: '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.'

Below the instructions is a checkbox for 'Use Data Set Prefilter (What's This?)' and a 'Data Set Search:' input field. The main content is a tree view of data sets:

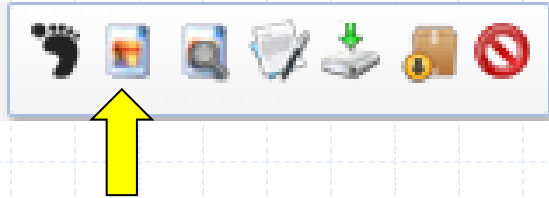
- ISERV
 - Land Cover
 - Landsat
 - Landsat Collection 2 Level-3 Science Products
 - Landsat C2 U.S. Analysis Ready Data (ARD)
 - Landsat Collection 2 Level-2
 - ☒ Landsat 8-9 OLI/TIRS C2 L2
 - ☐ Landsat 7 ETM+ C2 L2
 - ☐ Landsat 4-5 TM C2 L2
 - Landsat Collection 2 Level-1
 - ☒ Landsat 8-9 OLI/TIRS C2 L1
 - ☐ Landsat 7 ETM+ C2 L1
 - ☐ Landsat 4-5 TM C2 L1
 - ☐ Landsat 1-5 MSS C2 L1
 - Landsat C2 Atmospheric Auxiliary Data
 - Landsat Collection 2 DEM
 - Landsat Legacy
 - LCMAP
 - Radar
 - UAS
 - Vegetation Monitoring
 - ISRO Resourcesat

At the bottom of the interface are three buttons: 'Clear All Selected', 'Additional Criteria »', and 'Results »'. Yellow arrows point to the 'Landsat' category in the tree, the 'Results »' button, and the 'Additional Criteria »' button.

Sensoriamento Remoto – SR

Aquisição de imagens LandSat

Em **Results** clique em **Show Browse Overlay** na barra de ferramenta da imagem escolhida para visualizar a imagem no mapa.



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 Browse/Footprint Controls

Show Result Controls

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

Landsat 8-9 OLI/TIRS C2 L2

« First < Previous 1 of 237 Next > Last »

Displaying 1 - 10 of 2,362



ID:
LC09_L2SP_221067_20241210_20241211_02_T1
Date Acquired: 2024/12/10
Path: 221
Row: 067





ID:
LC09_L2SP_221068_20241210_20241211_02_T1
Date Acquired: 2024/12/10
Path: 221
Row: 068





ID:
LC09_L2SP_223066_20241208_20241210_02_T1
Date Acquired: 2024/12/08
Path: 223
Row: 066





ID:
LC09_L2SP_223067_20241208_20241210_02_T1
Date Acquired: 2024/12/08

View Item Basket »

Submit Standing Request »

Sensoriamento Remoto – SR

Aquisição de imagens LandSat

Para baixar as bandas da imagem selecionada, clique em **Download Options**, irá abrir janela de download.



Download Options ✕

Level-2 Surface Reflectance Bands
(13 files)

Add All Files to Bulk

Download All Files Now

Select Files

Level-2 Surface Temperature Bands
(14 files)

Add All Files to Bulk

Download All Files Now

Select Files

Product Options ▾

Landsat Collection 2 Level-2 Product Bundle

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 Browse/Footprint Controls ▾

Show Result Controls ▾

Data Set Click here to export your results »

Landsat 8-9 OLI/TIRS C2 L2 ▾

« First < Previous 1 of 237 Next > Last »

Displaying 1 - 10 of 2,362

ID:
LC09_L2SP_221067_20241210_20241211_02_T1
Date Acquired: 2024/12/10
Path: 221
Row: 067





ID:
LC09_L2SP_221068_20241210_20241211_02_T1
Date Acquired: 2024/12/10
Path: 221
Row: 068





ID:
LC09_L2SP_223066_20241208_20241210_02_T1
Date Acquired: 2024/12/08
Path: 223
Row: 066





ID:
LC09_L2SP_223067_20241208_20241210_02_T1
Date Acquired: 2024/12/08





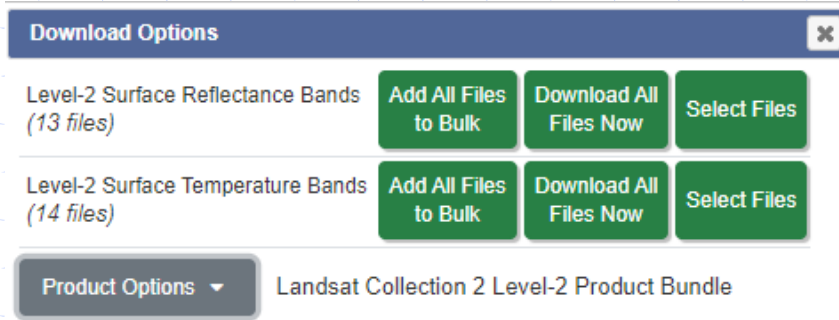
View Item Basket »

Submit Standing Request »

Sensoriamento Remoto – SR

Aquisição de imagens LandSat

Clique em **Product Options** para abrir a lista de bandas a ser baixadas.



Download Options

Level-2 Surface Reflectance Bands (13 files) **Add All Files to Bulk** **Download All Files Now** **Select Files**


Level-2 Surface Temperature Bands (14 files) **Add All Files to Bulk** **Download All Files Now** **Select Files**

Product Options Landsat Collection 2 Level-2 Product Bundle

Clique na banda desejada para baixar.

Obs.: Coloque cada imagem numa pasta com o nome da órbita, ponto e data.

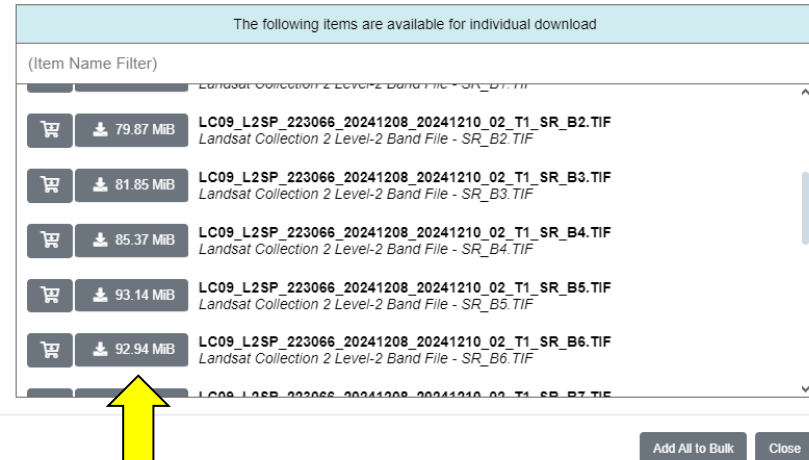
Ex.: 223066_20241208

 222066_20240827

Product Download Options for LC09_L2SP_223066_20241208_20241210_02_T1

Landsat Collection 2 Level-2 Product Bundle

959.81 MiB Landsat Collection 2 Level-2 Product Bundle



The following items are available for individual download

(Item Name Filter)

Item Name	Size
LC09_L2SP_223066_20241208_20241210_02_T1_SR_B2.TIF	79.87 MiB
LC09_L2SP_223066_20241208_20241210_02_T1_SR_B3.TIF	81.85 MiB
LC09_L2SP_223066_20241208_20241210_02_T1_SR_B4.TIF	85.37 MiB
LC09_L2SP_223066_20241208_20241210_02_T1_SR_B5.TIF	93.14 MiB
LC09_L2SP_223066_20241208_20241210_02_T1_SR_B6.TIF	92.94 MiB

Add All to Bulk **Close**