

Title

Imagery-Satellite-SPOT 2022

Abstract

The NSW SPOT6/7 imagery product is a state-wide satellite imagery product provided by Geoimage Pty Ltd for NSW Government. The images were captured September 2021 through to March 2022. The imagery scenes used to create the NSW mosaic includes Lord Howe Island. This imagery data set has been acquired through GeolImages Pty Ltd and Airbus Defence and Space.

SPOT imagery products offer high resolution over broad areas using the SPOT 6/7 satellites. A SPOT satellite acquisition covers large areas in a single pass at resolutions up to 1.5m. Such precise coverage is ideal for applications at national and regional scales from 1:250,000 to 1:15,000. SPOT 6/7 also includes the benefits of the near-infrared (NIR) which enables applications for detection of features not visible to the human eye, such as detecting and monitoring vegetation health.

Data products supplied for all of NSW are:

1. State-wide mosaic
2. 100k Mapsheet tiles (GDA94 and GDA2020)
3. Multi spectral scenes (GDA94 and GDA2020)
4. Pan sharpened scenes (GDA94 and GDA2020)
5. Panchromatic scenes (GDA94 and GDA2020)
6. Shapefile cutlines of statewide mosaic

The statewide mosaic is provided as a Red Green Blue (RGB) band combination; contrast enhanced lossless 8-bit JPEG2000 file (456gb in size). Individual 100k mapsheet mosaics contain BGR+NIR band combination; unenhanced 16-bit GeoTIFF format tile.

The NSW mosaic is available from internal DPE APOLLO Image Webserver for DCCEE employees.

The 4band 100k mapsheet tiles are available for download from JDAP. The rectified multispectral, pan sharpened and panchromatic scenes are available for download from JDAP (pending)

Acknowledgement when referencing: includes material © CNES__ (year of production), Distribution Airbus Services/SPOT Image, S.A, France, all rights reserved

Contact spatial.imagery@environment.nsw.gov.au for further information or to request access to JDAP

These image products are only available to other NSW Government agencies upon request.

Resource locator**[Data Quality Statement](#)**

Name: Data Quality Statement

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Data quality statement for SPOT Satellite Imagery 2021/2022

Function: download

Unique resource identifier**Code**

89f99e8c-7749-4110-8b57-1955677a7c0e

Presentation form

Map digital

Edition

1

Dataset language

English

Metadata standard

Name ISO 19115

Edition 2016

Dataset URI <https://datasets.seed.nsw.gov.au/dataset/89f99e8c-7749-4110-8b57-1955677a7c0e>

Purpose Planning and Environmental Management

Status Completed

Spatial representation type grid

Spatial reference system

Code identifying the spatial reference system 4283

Spatial resolution 10 m

Topic category

| | |
|--|---|
| Keyword set | |
| keyword value | PHOTOGRAPHY-AND-IMAGERY-Satellite LAND-Cover LAND PHOTOGRAPHY-AND-IMAGERY-Remote-Sensing LAND-Use |
| Originating controlled vocabulary | |
| Title | ANZLIC Search Words |
| Reference date | 2008-05-16 |
| Geographic location | |
| West bounding longitude | 140.522604 |
| East bounding longitude | 154.350438 |
| North bounding latitude | -36.969907 |
| South bounding latitude | -28.661288 |
| NSW Place Name | NSW state wide coverage |
| Vertical extent information | |
| Minimum value | -100 |
| Maximum value | 2228 |
| Coordinate reference system | |
| Authority code | urn:ogc:def:cs:EPSG:: |
| Code identifying the coordinate reference system | 5711 |
| Temporal extent | |
| Begin position | 2021-01-09 |
| End position | N/A |
| Dataset reference date | |
| Resource maintenance | |
| Maintenance and update frequency | Not planned |
| Contact info | |
| Contact position | Data Broker |
| Organisation name | NSW Department of Climate Change, Energy, the Environment and Water |
| Telephone number | 131555 |
| Email address | data.broker@environment.nsw.gov.au |
| Web address | https://www.nsw.gov.au/departments-and-agencies/dcceew |
| Responsible party role | pointOfContact |

Lineage The NSW SPOT6/7 imagery product is a state-wide satellite imagery product provided by GeolImage for Spatial Imagery Services for all NSW Government. The images were captured from September 2021 through to March 2022. The imagery scenes used to create the NSW mosaic includes Lord Howe Island. This imagery data set has been acquired through Geospatial Intelligence Pty Ltd who partnered with GeolImages Pty Ltd and Airbus Defence and Space.

SPOT imagery products offer high resolution over broad areas using the SPOT 6/7 satellites. A SPOT satellite acquisition covers large areas in a single pass at resolutions up to 1.5m. Such precise coverage is ideal for applications at national and regional scales from 1:250,000 to 1:15,000. SPOT 6/7 also includes the benefits of the near-infrared (NIR) which enables applications for detection of features not visible to the human eye, such as detecting and monitoring vegetation health. The statewide mosaic is provided as a Red Green Blue (RGB) band combination; contrast enhanced lossless 8-bit JPEG2000 file (456gb in size).

Limitations on public access

Responsible party

| | |
|------------------------|---|
| Contact position | Data Broker |
| Organisation name | NSW Department of Climate Change, Energy, the Environment and Water |
| Telephone number | 131555 |
| Email address | data.broker@environment.nsw.gov.au |
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Metadata date 2024-05-20T05:23:03.270380

Metadata language