

Title

Imagery-Satellite-SPOT 2023

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 2022 through to March 2023. 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(pending). 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 locatorData Quality Statement

Name: Data Quality Statement

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

Description:

Data quality statement for SPOT Satellite Imagery 2022/2023

Function: download

Unique resource identifier

Code

7d7509b9-11d4-4bdd-8392-925316ce3023

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/7d7509b9-11d4-4bdd-8392-925316ce3023>

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	2022-01-09
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 2022 through to March 2023. 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.

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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
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
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Metadata date 2024-05-20T05:17:34.345120

Metadata language