Title Imagery-Satellite-SPOT 2015/2016

Abstract

The NSW SPOT6/7 imagery product is a state-wide satellite imagery product provided by the Remote Sensing and Regulatory Mapping NSW Government. The images were captured January 2015 through to May 2016. The imagery scenes used to create the NSW mosaic includes Lord Howe Island. This imagery data set has been acquired through Geolmages Pty Ltd who partnered with 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. Panchromatic scenes
- 3. Reflectance scenes

The statewide mosaic is provided as a Red Green Blue (RGB) band combination; contrast enhanced lossless 8-bit JPEG2000 file (456gb in size).

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

The rectified multispectral and panchromatic scenes are available for download from JDAP.

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 d5d0740a-4733-4cd0-8208-3717ab531f8d

Presentation form

Map digital

Edition 1

Dataset language

English

Metadata standard

Name ISO 19115

Edition 2016

https://datasets.seed.nsw.gov.au/dataset/d5d0740a-4733-4cd0-8208-3717ab531f8d

Dataset URI		
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	2015-01-19		
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		
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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 Geolmage for Spatial Imagery Services for all NSW Government. The images were captured from June 2019 through to August 2019. 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 Geolmages 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

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Web address https://www.nsw.gov.au/departments-and-agencies/dcceew

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Metadata date 2024-05-20T05:19:49.952371

Metadata language