Title Imagery-Satellite-SPOT 2005-2007

Abstract

The NSW SPOT 5 imagery product is known as the Planning and Natural Resource Information Intergration Environment Project (PANRIIE) and is a state-wide satellite imagery product provided by the Remote Sensing and Regulatory Mapping team of NSW Government. This project was the largest SPOT project acquisition to be undertaken in Australia at the time. Imagery from 2006 and 2007 are known as "Hotspots", with scenes being delivered for targeted areas across NSW.

Capture dates for imagery products for 2005-2007 are:

- 2005 October 2004 through to August 2005
- 2006 November 2005 through to June 2006
- 2007 August 2006 through to October 2007

Imagery data sets have been acquired from SPOT Imaging and processed by Geolmage Pty Ltd.

SPOT imagery products offer high resolution over broad areas using the SPOT 5 satellites. A SPOT satellite acquisition covers large areas in a single pass at resolutions up to 2.5m. Such precise coverage is ideal for applications at national and regional scales from 1:250,000 to 1:15,000.

Data products supplied for all of NSW are:

- 1. State-wide mosaic (only 2005)
- 2. Reflectance scenes
- 3. Panchromatic scenes

The statewide mosaic is provided as a Red Green Blue (RGB) band combination; contrast enhanced lossless 8-bit JPEG2000 file. The reflectance and panchromatic scenes are available to download from JDAP.

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

Contact spatial.imagery@environment.nsw.gov.au for further information

"Includes material $\$ CNES 2005, 2006, $\$ 2007, Distribution Astrium Services / Spot Image S.A., France, all rights reserved"

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 f72d23bc-42cc-4ba6-8c0f-7b04fd243d6d

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/f72d23bc-42cc-4ba6-8c0f-7b04fd243d6d	
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	2004-10-23		
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 October 2004 and October 2007. The imagery scenes used to create the NSW mosaic includes Lord Howe Island. This imagery data set has been acquired through 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

Telephone number 131555

Email address <u>data.broker@environment.nsw.gov.au</u>

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

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Metadata date 2024-05-20T05:22:23.228164

Metadata language