



Media Statement

1 Midland Square, Midland, Western Australia 6056
Tel: (08) 9273 7561 Fax: (08) 9273 7690
Email: Barbara.King@landgate.wa.gov.au www.landgate.wa.gov.au

Aerial Survey Captures Flood Devastation.

Landgate's Geographic Services has captured some rare images of the extreme damage caused by the devastating floods in the Esperance region in early January.

The high resolution aerial imagery of the region was captured on January 8, just three days after the floods and the same day the region was designated as a natural disaster area.

Manager-Geographic Services Ron Vincent said while the area was on program for capture of new photography, Geographic Services responded to interest of coverage of the event.

"The frames have been processed into a seamless ortho photo mosaic – basically a single large image of the area," he said.

"It has been created from the many single frames of aerial photography and digitally corrected to the earth's surface so that accurate measurements can be made from it.

"Imagery of this type provides a good historical record of the flooding and the impact it has had on the surrounding region.

"It could also prove to be a valuable tool in insurance and event impact assessments and provide important data for use in helping to mitigate future disasters."

Mr Vincent said the captured aerial data could be used in an environmental risk analysis. "Interestingly it also captured a large fire in the area at the time, the fire scar and fire front being clearly visible.

"Overall it is a very good demonstration of how geographic information can capture a natural event," he said.

The ortho photo mosaic covers from just north of Warden Lake to the north; east of Mullet Lake Nature Reserve to the east; Thirteen Mile Beach to the west and the Southern Ocean to the south.

The imagery is available on Skyview WA –(www.landonline.com.au).
For sales inquiries please contact Gary Abbott, 08 9273 7045, or
geodata@landgate.wa.gov.au

More....

Background.

Landgate is the Agency responsible for Western Australia's land and property information. Landgate's transition from the Department of Land Information, established it as the State's key source of land and property information.

The Agency maintains the State's official register of land owners and surveying information, and also manages land and property valuations in Western Australia.

As the primary holder of WA's geographic information, Landgate's mapping products cover the entire State.

Geospatial data is gathered from ground surveys, aerial photographs and satellite imagery. This information is used to produce a range of digital and hard copy products and services.

Landgate map products include Perth Metropolitan Maps and Directories, Regional City and Town Maps, Travellers Atlas Touring and Discovery Maps, Native Title Maps, Topographic Maps, Pastoral and Rangeland Maps, Historical Maps and Plans, State and General Reference Maps, Administrative Boundary Maps, Land and Property Boundary Maps.

Note to the media - the imagery of Bandy Creek Boat Harbour which can be accessed via the following link shows the volume of silt that filled the fishing boat harbour.

The animation provides a graphic display of the result of the deluge, by fading in the new photography over the old.

[http://www.landgate.wa.gov.au/docvault.nsf/77f520260edb277b48256d4f001513c2/9f4f050339f5a2b8c825728700233822/\\$FILE/bandy_creek_boat_harbour_flood.gif](http://www.landgate.wa.gov.au/docvault.nsf/77f520260edb277b48256d4f001513c2/9f4f050339f5a2b8c825728700233822/$FILE/bandy_creek_boat_harbour_flood.gif)