

Software Used

[ArcGIS for Desktop](#) | [ArcGIS Online](#) | [Story Map Journal](#)

Source Data

Layer Name	Layer Description	Custodian	Version
SEQ Environmental Values	Catchment outlines	Queensland Government Department of Environment and Heritage Protection	2.0
Damweir 100K	Dams and weirs	Queensland Government Department of Natural Resources and Mines	
Railway Stations	Railway Station	MapInfo Australia	19/04/2013
Railways	Railway lines	Queensland Government Department of Natural Resources and Mines	19/04/2013
Major Towns of Queensland	Major towns	Queensland Government Department of Natural Resources and Mines	
Drainage Network – Creeks – QLD	Creek lines	MapInfo Australia	
Queensland State Controlled Roads	Roads	Queensland Government Department of Transport and Main Roads	
Geodata Topo 250K Series 3	Vector representation of the major topographic features appearing on the 1:250,000 scale NATMAPs supplied in Personal Geodatabase format and is designed for use in a range of commercial GIS software. Data is arranged within specific themes. All data is based on the GDA94 coordinate system. Each package includes data arranged in ten main themes - cartography, elevation, framework, habitation, hydrography, infrastructure, terrain, transport, utility and vegetation.	Australian Government Geosciences Australia	
Queensland World Heritage Area Boundaries	World Heritage Areas	Queensland Government Department of Environment and Heritage Protection	
Key Resource Areas - Resource Processing Area - Queensland	Key resource areas (KRA), resource processing area describes the extent of the extractive resource and any existing or future processing operations.	Queensland Government Department of Natural Resources and Mines	02/12/2013
Land Use	This dataset indicates the most current primary use or management objective of the land for Queensland. It is a complete state-wide digital land use map of Queensland. The dataset is a product of the Queensland Land use Mapping Program (QLUMP) and was produced by the Queensland Government.	Queensland Government Department of Science, Information Technology, and Innovation for the State of Queensland.	2014
Pre-clearing Regional Ecosystems of Queensland	Pre-clearing regional ecosystems mapping at a map scale of 1:100,000 and 1:50,000 in part, based on surveys of vegetation communities and related landform, soils and geology and on 1:80,000 B&W 1960's aerial photography. Version 8.0 regional ecosystem descriptions, as originally described in Sattler & Williams (ed.) (1999) are available for download on the Queensland government website (search on: Regional Ecosystem Description Database). The survey and mapping of regional ecosystems of Queensland provides information for regional groups, non-government organisations, government departments, local	Queensland Government Department of Science, Information Technology, and Innovation for the State of Queensland.	9.0

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	government and industry, for planning and management purposes. (Dataset for Queensland incomplete).		
Remnant Regional Ecosystems of Queensland	The Vegetation Management Act (VMA) 2011 Remnant Regional Ecosystems of Queensland includes VMA Section 20AH areas and is to be used for VMA actions. The 20AH areas are shown as non-remnant in the Queensland Herbarium dataset "2011 Vegetation Communities and Regional Ecosystem Mapping Version 8.0". 2011 remnant regional ecosystems mapping at a map scale of 1:100,000 and 1:50,000 in part, based on surveys of vegetation communities and related landform, soils and geology is based on the Landsat imagery for 2011 (Dataset for Queensland incomplete). Version 8.0 regional ecosystem descriptions, as originally described in Sattler & Williams (ed.) (1999) are available for download on the Queensland Government website. (Search on: Regional Ecosystem Description Database). The survey and mapping of regional ecosystems of Queensland provides information for regional groups, non-government organisations, government departments, local government and industry, for planning and management purposes. The 2011 remnant extent is based on mapping derived from the standard state-wide coverage of dry season (around September) 2011 Landsat imagery. Regional ecosystem linework reproduced at a scale greater than 1:100,000, except in designated areas, should be used as a guide only. The positional accuracy of RE data, mapped at a scale of 1:100,000, is 100 metres. The map scale of 1:50,000 applies to the Wet Tropics and part of Southeastern Queensland and map amendments areas.	Queensland Government Department of Science, Information Technology, and Innovation for the State of Queensland.	9.0
Regrowth Vegetation	This dataset was prepared to support certain category C additions to the Regulated Vegetation Management Map under the Vegetation Management (Reinstatement) and Other Legislation Amendment Bill 2016. This bill was not agreed to by Parliament. This dataset is described as: The 2013 areas of non-remnant native woody vegetation that have not been cleared between 1988 and 2014 that are homogenous for at least 0.5 hectare and occur in clumps of at least 2 hectares in coastal regions and 5 hectares elsewhere. No RVM map existed prior to the 2013 amendments. The mapping requirements for the legislation relied on versions of the RE mapping produced by the Queensland Herbarium with some additional areas introduced by DNRM under section 20AH and 20AI that reinstate remnant and regrowth areas respectively. The high value regrowth dataset prior to 2013 (i.e. versions 1.0, 2.0 and 2.1) was a separate dataset as the state-wide RVM map did not then exist. The HVR map was used to support the RE map which described remnant areas. It sat separately to it. PMAVs did not trigger a change to the actual HVR map but the mapping in any PMAV overrode both the HVR map and the RE map. Pre-2013 PMAVs could show category C and category R areas as well as category A, B and X.	Queensland Government Department of Science, Information Technology, and Innovation for the State of Queensland.	
Shallowest Watertable Aquifer	Shallowest watertable aquifer mapping identifies the extent and key characteristics of the shallowest watertable aquifers in a landscape.	Queensland Government Department of Science, Information Technology, and Innovation for the State of Queensland.	1.0
South East Queensland Salinity Polygons	This dataset identifies areas of salinity described as part of the South East Queensland salinity project.	Queensland Government Department of Natural Resources and Mines	01/01/2012
Geology or Lithology	The polygons in this dataset are a digital representation of the distribution or	Queensland Government Department of Natural Resources	15/10/2015

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	extent of geological units within the area.	and Mines	
Marine Parks	Zonings within Queensland State Marine Parks	Queensland Government Department of Environment and Heritage Protection	31/03/2009
Town Water Storage Rural Water Storage	This dataset displays the reservoirs (man made waterbodies surrounded by land where the water is used for drinking, irrigation or watering of stock) covering Eastern, Western and Far North Queensland.	Queensland Government Department of Natural Resources and Mines	
Protected Areas of Queensland	Protected areas of Queensland represent those areas protected for the conservation of natural and cultural values and those areas managed for production of forest resources, including timber and quarry material. These areas are defined spatially using DCDB (Digital Cadastre Database) parcels.	Queensland Government Department of National Parks, Sport and Racing	
Isohyets	Mean annual rainfall isohyets (contours) over Queensland.	Queensland Government Department of Natural Resources and Mines	
Sewage Treatment Plant	Sewage Treatment Plant locations in Queensland.	Queensland Government Department of National Parks, Sport and Racing	
Queensland Local Government Areas	The Administrative Boundaries – Local Government Boundaries Dataset is the spatial representation of the Local Government areas of Queensland	Queensland Government Department of Infrastructure, Local Government and Planning	
Queensland Wetland Data Version 4.0 – Wetland Areas	This dataset provides mapping of water bodies and wetland regional ecosystems as at 2013 extent at 1:100,000 scale across Queensland	Queensland Government Department of Science, Information Technology, and Innovation for the State of Queensland.	4.0
Gold Coast Council Protected Area	Map of protected areas at the local government level	Gold Coast City Council	
DWCP Stream Health Site 2015	This dataset provides mapping of stream health in the Moreton Bay Regional Council area	Moreton Bay Regional Council	
COUNCIL ASSETS Stormwater Basins	This dataset provides Moreton Bay Regional Council stormwater basin locations	Moreton Bay Regional Council	
Queensland Groundwater Bores	This dataset shows the location of all groundwater bores in Queensland	Queensland Government Department of Natural Resources and Mines	
Queensland Fish Habitat Areas	This is a composite of ALL Fish Habitat Area boundary areas gazetted/regazetted between 1998-2016.	Queensland Government Department of National Parks, Sport and Racing	
Ramsar	This dataset shows the boundary of all Ramsar sites in Queensland	Queensland Government Department of Environment and Heritage Protectionmcpersonk1	
Queensland Nature Refuges	Nature Refuges are part/s or whole of Lot/s on plan and are gazetted through a voluntary conservation agreement between the QLD government and private land owner/s.	Queensland Government Department of Environment and Heritage Protection	
Aquatic Conservation Assessment SEQ Streams	This data is an assessment of the Aquatic Conservation Assessment values (ACA) for riverine catchments in the South East Queensland using the Aquatic Biodiversity Assessment and Mapping Methodology (AquaBAMM).	Queensland Government Department of Environment and Heritage Protection	
Basin Sub Area 100K	Polygon coverage captured and stored in ArcInfo, depicting a subdivision of the major drainage basins in Queensland.	Department of Natural Resources and Mines	
Fire Scar Mapping	This data set is a statewide map of fire scars (burnt area) as captured by all available Landsat imagery over the period January to December. Fire scars are automatically detected and mapped using dense time series of Landsat imagery acquired over the period 2010 – 2016. The method has been found to map over 80% of fire scars captured in Landsat imagery with less than 30% false fire rate. The accuracy of 2015 fire scar mapping has been further improved by manual removal of false fires and addition of missed fires.	Queensland Government Department of Science, Information Technology and Innovation	

