Title	CHANNEL WIDTH
Abstract	Overview
	The Channel Width (CW) layer captures channel width estimates in metres for river reaches across NSW. It has utilised the nodal chainage layer at 2km intervals for NSW catchments greater than or equal to 30km ² - developed as part of the <u>JBA Australian</u> <u>Flood Map</u> product suite.
	Width estimates been predominantly derived from <u>Hydromorphological attributes for all Australian</u> <u>river reaches</u> (Hou et al., 2019). The dataset contains widths for features represented within the <u>Geofabric</u> <u>Surface Network – V2.1.1</u> based on empirical scaling functions. These functions have been scaled to Australia and input cumulative runoff values under multiple return periods. Here, estimates based on 1 in 2-year (Q2) runoff
	values were used to represent typical conditions. Where unavailable, the empirical scaling function was manually calculated using Q2 runoff estimates within the nodal layer.
	Versioning
	v1.0
	More information
	For more information contact JBA Risk Management at: <u>https://www.jbarisk.com/get-in-touch/</u> .
	Additional Resources
	Hou, J., van Dijk, A. I. J. M., Renzullo, L. J., Vertessy, R. A., and Mueller, N.: Hydromorphological attributes for all Australian river reaches derived from Landsat

METADATA – Channel Width

	dynamic inundation remote sensing, Earth Syst. Sci. Data, 11, 1003–1015, https://doi.org/10.5194/essd- 11-1003-2019, 2019.
Resource locator	
Unique resource identifier	
Presentation Form	Map digital
Edition	1.0
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	
Purpose	Planning and identification of site suitability for potential landscape rehydration as part of the CReST physical framework.
Status	On going
Spatial representation	
type	Vector
Spatial reference system	
Code identifying the spatial	
reference system	4283
Spatial resolution	
Topic category	
Keyword set	
Geographic location	
NSW Place Name	NSW
Vertical Extent Information	
Minimum Value	-100
Maximum Value	2228

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