Full Description Report - RUNNING_DISTANCE *ANZLIC: ANZVI0803002085*

Name:	RUNNING_DISTANCE
Title:	Stream running kms
Spatial Extent:	General - Victoria
Owner:	Department of Sustainability and Environment
Custodian:	Department of Sustainability and Environment
Access:	Restricted
Source Data Scale:	100 000
Master Library Group:	TBA
Jurisdiction:	Victoria
Custodial Business Unit:	Flood Plain Management Unit
Custodial Program:	Resources and Regional Services (DSE)
In CGDL?:	No
In Library?:	No
Abstract	This layer contains point features showing the location of stream running kilometers relevant to flood mapping projects. It is designed to accommodate Victoria wide mapping of all major rivers and their major tributaries

Application of Layer:

General:

RUNNING_DISTANCE is the layer for the location of all stream running kms for major Victorian rivers and their major tributaries.

Layer Design Summary:

Current Layer Design Considerations:

1. The Flood Structures layer is designed to accommodate all available Stream Running Kms as point data. Generally the running kms will be displayed as tick marks perpendicular to the stream at a local level, and annotated with the running kms value. Running kms are measured from the downstream end of the stream where the stream terminates at an outflow or joins a major stream.

2. The method for calculation of the running kilometers will be by using the ArcInfo route functionality, or some other manual or semi-automated calculation method.

3. The running distances will be calculated for major rivers and their major tributaries that are defined by the DNRE Flood Plain Management Unit in the lookup table "RIVNAME.LUT".

4. The running distance is calculated on basemap data extracted from the best available stream data - typically that found in the HYDRO100 layer.

5. The design assumes most attributes will be stored in the GIS layer, not an external database. The exception is flood area notes about reliability of the data that will be kept in an external database given the current limit of 320 characters for text strings.

Future Layer Design Considerations:

When the HYDRO25 layer has been fully updated the stream running kilometres may be recalculated and appended to the layer as a value added piece of information for all to use. Until this work can be completed this layer will remain for use with the flood plain management data.

Summary of Relationship to other Layers:

The display data for streams is the HYDRO100 or the HYDRO25 layers to rivers and their tributaries.

Data Currency Information:

Data Set Status: Planned

Data Collection:

Collection Period: 01DEC1997 Current

Collection Progress: In Progress

Update Frequency: Annual

Data Currency Information:

Data Set Origin:

Originality: Primary

Data Collection Method: Derived from stream data in HYDRO100

Data Set Source:

HYDRO100 data.

Data Set Processing Details:

Not Documented

Positional Accuracy:

Precision: Source Data is from HYDRO100 which in turn is sourced from 1:100 000 topographic maps. These mapsheets are based on the following precision:

Source Data:

1. Army maps Horizontal accuracy - 90% of well defined points will fall within +/- 50m of true position
   Vertical accuracy - 90% of elevations will fall within +/- 10m except in areas
2. AUSLIG maps Horizontal accuracy - +/- 25m of well defined points
   Vertical accuracy - +/- 5m in elevation

Digital: Any departure between the digital and source material (measured between centrelines) will not exceed 0.5mm at map scale (i.e. 50m at 1:100,000) with a root mean square of 0.12mm for any random sample.

For a list of these mapsheets and their status please contact Natural Resource Systems Branch.

Determination: Base data has been survey controlled with 8 points per mapsheet with a residual error less than 10m at ground scale

Attribute Accuracy:

Location of the point data and attributes should be within 5 metres.

Logical Consistency:

Testing based on QA procedures is to be part of the data collection process and will be included in mapping reports for each major data capture effort.

Completeness:

Coverage:

Floodplain Management Unit mapping conventions will be followed.

Classification:

Verification:

Access:

Constraints:

Access:

Access Subject to Custodial Approval

Use:

Access Subject to Custodial Approval

Stored Data Format:

DIGITAL Arc/Info coverage stored on Gippsland GIS server GIGIS

Available Format Type:
DIGITAL - All major formats available

Special Intellectual Property Details:
Access Subject to Custodial Approval

Quality:

Compliance:

Requirements:

Validations:

Search:

Search Word:	Qualifier:
HAZARDS Flood	
WATER Hydrology	
WATER Rivers	
WATER Surface	

Further Information:

Authors Collators:
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Supporting Documentation:
Refer to mapping reports for each major data capture effort to be kept at DNRE Floodplain Management Unit.

History:

Stages:
Proposed:
Registered:
Provisionally Approved:

Approved:
Implemented:
Withdrawal To Occur:
Withdrawn:

Last Review:
Commenced:
Proposed:
Approved
Implemented:

Last Updated:
Date: 4/05/2009
User: hv03

History:
Not Documented

Related Datasets:

Citations:

Events:

Additional Metadata URL:

Related Documents:

Contacts:

Contact Name:	Telephone:	Contact Role:
Hans Van Elmpt	(03) 51722172	Dataset Data Manager
Viktor Brenners	03 9637 9014	Dataset Owner

Libraries:

Libraries:

RUNNING_DISTANCE POLYGON TABLE (FLRUNKM100.PAT)

Item Full Name	Class	Coln	Item Name	IW	OW	Type	Dec	Alternate Name	Oblgn	Orig.	Lookup Table	Scope	Notes
RIVER LENGTH	0	1	LENGTH	15	15	F							RIVER LENGTH IN METERS
RIVER IDENTIFIER	0	16	RIVER-ID	6	6	I							NUMERIC IDENTIFIER FOR WATERCOURSES
KILOMETERS OF RIVER	0	22	KILOMETERS	6	6	I							SOURCE BASED ON VICMAP HYDRO
RIVER NAME	0	28	RIVER_NAME	50	50	C							NAME OF THE WATERCOURSE
RIVER BASIN NAME	0	88	BASIN	30	30	C							NAME OF THE MAJOR RIVER BASIN
NOTE CODE	0	118	NOTE_CODE	6	6	I							SEE NOTE_CODE LOOKUP TABLE
MODIFICATION DATE	0	124	MODIFIED	8	8	I							DATE OF REVISION IN YYYYMMDD
VERSION NUMBER	0	132	VERSION	2	2	I							1 FOR NEW FEATURES. HIGHER IF EDITED