

Name: HISTORIC_HEIGHT_POINT
Title: Flood height point data
Spatial Extent: General - Victoria
Owner: Department of Sustainability and Environment
Custodian: Department of Sustainability and Environment
Access: Restricted
Source Data Scale: 25 000 with data inside Township boundaries at 5 000
Master Library Group: NA
Jurisdiction: Victoria
Custodial Business Unit: Flood Plain Management Unit
Custodial Program: Water Resources Policy (WSG, DSE)
In CGDL?: No
In Library?: No

Abstract This layer contains point features delineating observed, modelled and interpreted flood heights derived from flood mapping projects. It is designed to accommodate Victoria wide geographic data of all historic floods. Note that flood height line features including height contours are in a separate layer.

{YYYY} Represents the Year of the data collection.

Application of Layer:

General:

HISTORIC_HEIGHT_POINT is the dataset for the location and heights of all flood height data, historic, modelled and interpreted.

Layer Design Summary:

Current Layer Design Considerations:

1. The Flood Height Points coverage is designed to accommodate all available flood height point data, including observed flood heights. All historical data is included with observed, interpreted and modelled flood height data for each event within the one layer. A reliability and interpretation methodology can apply to each point.
2. While line-based flood height data is arranged in one coverage per event, eg. FLHITE_XY, all points data is amalgamated into a single coverage with date fields to separate the recorded events.
3. 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.

4. All data is related to different year / month flood events with a Victoria wide naming convention identifier (e.g. 1934_01 is the January event of 1934).

1. Links to a flood extent in the FLEXT25_XYZ layer.

Future Layer Design Considerations:

Consideration for inclusion of large notes in the GIS may be given in future releases of ArcInfo

Summary of Relationship to other Layers:

The FLHEIGHT25_XY layer links to the flood extent layer FLEXT25_XYZ using the flood extent identifier (FLDEXTID). The FLEXT25_XYZ layer is used to derive the interpreted flood contours based on a flood extent and uses the flood height data.

Data Currency Information:

Data Set Status: Completed

Data Collection:

Collection Period: 01JAN1870 Current

Collection Progress: In Progress

Update Frequency: Irregular

Data Currency Information:

Data Set Origin:

Originality: Primary

Data Collection Method: Varied -mainly derived from flood extent (FLEXT25_XYZ), precise topographic and modelled data

Data Set Source:

Flood data dates back to mid 1800s and historically has been predominantly located in DNRE Floodplain Management Unit. Some data is located in Water Authorities.

Data Set Processing Details:

Not Documented

Positional Accuracy:

Precision: 10m to 100m

Determination: Deductive estimates and calibration of registration points against the cadastral layer

Attribute Accuracy:

Reliability information is coded in the flood height lines and points, but heights are typically better than 0.1m accuracy.

Logical Consistency:

n/a

Completeness:

Coverage:

All reasonably accessible data was captured across Victoria but may be localised depending on source material available.

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	none
WATER Hydrology	none
WATER Rivers	none
WATER Surface	none

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:

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:

Hans Van Elmpt

Viktor Brenners

Telephone:

(03) 51722172

03 9637 9014

Contact Role:

Dataset Data Manager

Dataset Owner

Libraries:

Full Description Report - HISTORIC_HEIGHT_POINT

ANZLIC: ANZVI0803003625

HISTORIC_HEIGHT_POINT POLYGON TABLE (FLHEIGHT25_XY.PAT)													
Item Full Name	Class	Coln	Item Name	IW	OW	Type	Dec	Alternate Name	Oblgn	Orig.	Lookup Table	Scope	Notes
FLOOD HEIGHT	0	1	HEIGHT	15	15	F							HEIGHT OF FLOOD IN METERS, AHD
YEAR	0	16	YEAR	4	4	I							YEAR OF FLOOD EVENT
MONTH	0	20	MONTH	2	2	I							MONTH OF FLOOD EVENT (99 IF UNKNOWN)
DAY	0	22	DAY	2	2	I							DAY OF THE MONTH OF THE FLOOD EVENT (99 IF UNKNOWN)
RELIABILITY	0	24	RELIABILITY	10	10	C							RELIABILITY OF THE SOURCE DATA
METHOD	0	34	METHOD	50	50	C							MAPPING METHOD USED
PLAN NUMBER	0	84	PLAN_NO	10	10	C							ORIGINAL DOCUMENT PLAN NUMBER IF KNOWN
NOTE CODE	0	94	NOTE_CODE	6	6	I							SEE NOTE CODE LOOKUP TABLE
MODIFICATION DATE	0	100	MODIFIED	8	8	I							DATE OF REVISION IN YYYYMMDD
VERSION NUMBER	0	108	VERSION	2	2	I							1 FOR NEW FEATURES. HIGHER IF EDITED