

Layer Name: Ditches

File Name: Ditches

Layer Type: Line

Status: Complete

Geog. Extent: All major Hawaiian islands except Kahoolawe

Projection: UTM Zone 4 (Meters)

Datum: NAD 83 HARN

Please note - if you are using data in the [State's web services](#) or downloading from the [State's geoportal](#), the data is served and exported in WGS84 coordinates, although it is stored internally in UTM coordinates.

Description: Ditches

Source: USGS Digital Line Graphs, 1983 version;
DLNR Division of Aquatic Resources (DAR), 2004.

History: Lines were extracted from the 1983 DLG hydrography layers. DAR coded lines with the Hawaii Stream Assessment codes and additional attribute data. Ditch Type and Subtype were coded based on USGS hydrography major and minor codes.

OP Staff removed USGS DLG Major/Minor codes and HSA and DAR codes, leaving only Ditch Type, Subtype, and Subtype 2. OP staff also merged islands together and projected into NAD83.

Attributes: Lines:

Shape:	Feature Geometry
Length:	Length of segment in meters
Type:	Type of ditch or structure
Subtype:	Subtype of ditch or structure
Subtype2:	Additional Subtype of ditch or structure

Contact: State of Hawaii GIS Program
PO Box 2359, Honolulu, Hi. 96804; (808) 587-2846.
email: gis@hawaii.gov