

Drainage Basin Boundary

Custodian: The Corporation of the District of Saanich

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Abstract: Drainage basin or watershed is the area from which all precipitation flows to a single stream or set of streams. The boundary between drainage basins is a drainage divide: all the precipitation on opposite sides of a drainage divide will flow into different drainage basins. A drainage basin provides a limited surface area within which physical processes pertinent to the general hydrology may be considered.

Purpose: The climatic variables and the water and sediment discharge, water storage, and evapotranspiration may be measured; from these measurements, denudation rates and moisture and energy balances may be derived, each of which is useful in the consideration and understanding of landscape formation.

Status: Complete

Update Frequency: As needed

Credits: The Corporation of the District of Saanich, IT Dept GIS

Coordinate System: NAD 1983 CSRS UTM Zone 10N (WKID: 3157)

Geometry Type: Polygon

Attribution Information:

FIELD NAME	DESCRIPTION	EXAMPLES
OBJECTID/FID	Internal feature number	7
CATCHMENTNAME	Catchment where water collects	Colquitz River
PRIMARYWATERSHED	Geographic area where water drains	Colquitz Creek
SECONDARYWATERSHED	Subdivision of primary watershed	Blenkinsop Lake
TRIBUTARY1	Tributary that feeds larger stream, river or body of water	Colquitz River
TRIBUTARY2	Tributary that feeds larger stream, river or body of water	Swan Creek
TRIBUTARY3	Tributary that feeds larger stream, river or body of water	Swan Lake

TRIBUTARY4	Tributary that feeds larger stream, river or body of water	Blenkinsop Creek
TRIBUTARY5	Tributary that feeds larger stream, river or body of water	Blenkinsop Lake
TRIBUTARY6	Tributary that feeds larger stream, river or body of water	Lochside Creek
TRIBUTARY7	Tributary that feeds larger stream, river or body of water	Lochside Tributary
LASTEDITDATE	Date of last edit	5/10/2021, 2:36 AM
GLOBALID	Unique Global Identifier	{2AD1E3A4-C091-4CD3-9582-F6D6BCE6039A}
SHAPE	Feature geometry	Polygon
SHAPE.AREA	Area in square metres	5905632.193 m ²
SHAPE.LEN	Perimeter length in metres	11688.758 m