

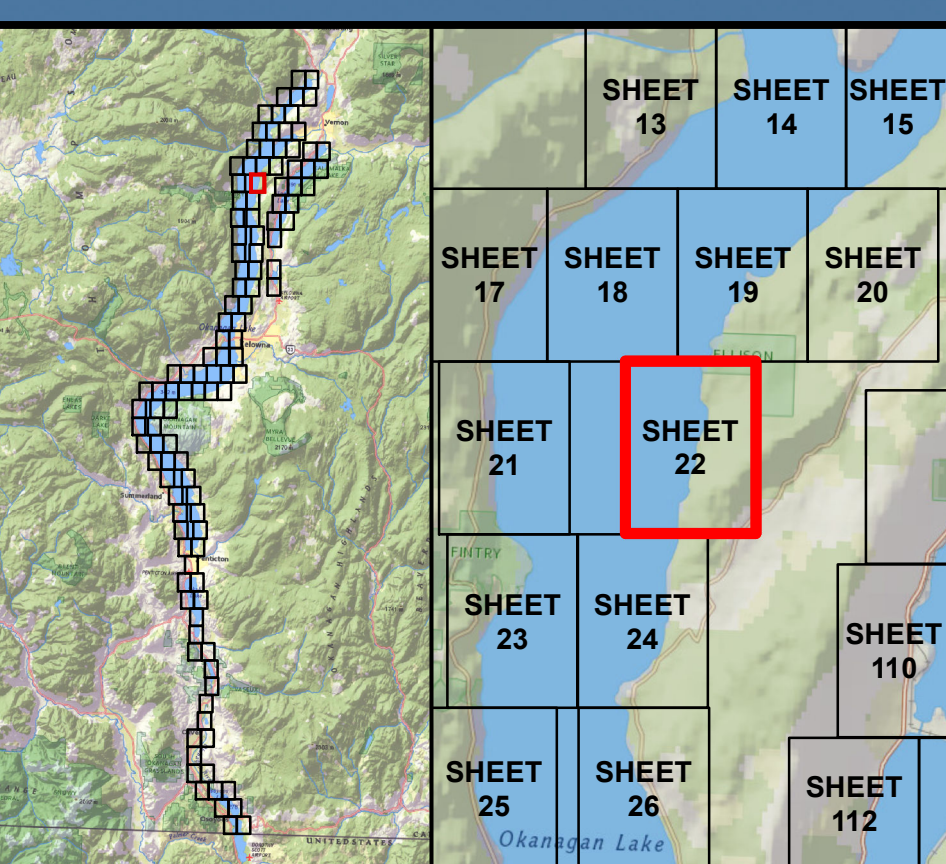
Okanagan Lake

VERNON
LAKE COUNTRY

Anderson Brook



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- ➡ FLOW DIRECTION
- SPOT ELEVATION
labelled with elevation in metres (CGVD2013)
- MINOR CONTOUR AT 1 M INTERVAL
- MAJOR CONTOUR AT 5 M OR 20 M INTERVAL
labelled with elevation in metres (CGVD2013)
- - - DIKE
- RAILWAY LINE
- FIRST NATION RESERVE BOUNDARY
- MUNICIPAL BOUNDARY
- REGIONAL DISTRICT BOUNDARY
- STUDY LIMIT

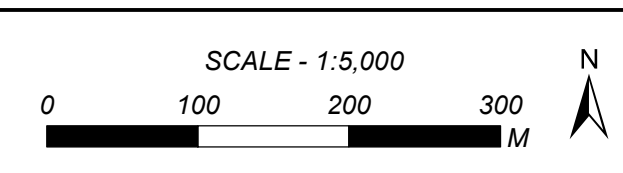
REFER TO NOTES ON INDEX MAP

- INUNDATION EXTENT - DESIGN WITH FREEBOARD (FCL)
- INUNDATION EXTENT - DESIGN WITHOUT FREEBOARD
- 123.4 FLOOD CONSTRUCTION LEVEL (FCL) RIVER ISOLINE
(123.1) Rivers - labelled with FCL in metres CGVD2013 (FCL in CGVD28)
- 123.4 FLOOD CONSTRUCTION LEVEL (FCL) LAKE ZONE
(123.4) Lake - labelled with FCL in metres CGVD2013 (FCL in CGVD28)
- 123.4 FLOOD CONSTRUCTION LEVEL (FCL) SHORELINE ZONE
(123.4) Lake - labelled with FCL in metres CGVD2013 (FCL in CGVD28)

DESIGN FLOOD
- OKANAGAN RIVER REACHES: 200-YEAR MID-CENTURY^a
- OKANAGAN LAKE: 2017 MID-CENTURY^b
- WOOD AND KALAMALKA LAKES: 2017 MID-CENTURY^b
- ELLISON LAKE: 200-YEAR MID-CENTURY
- SKAHA LAKE: 200-YEAR MID-CENTURY
- VASELUX LAKE: 200-YEAR MID-CENTURY
- OSOYOOS LAKE: 200-YEAR MID-CENTURY
FREEBOARD = 0.6 METRES

Footnote:
^a "Mid-century" refers to an increase for climate change, projected to occur in 2055.
^b The 2017 flood is the flood-of-record at Okanagan, Wood, and Kalamalka lakes, and is used as the design flood at these locations because it is larger than a 200-year event.

**OKANAGAN MAINSTEM
FLOOD MAPPING
FLOODPLAIN MAPS**
SHEET 22 OF 116



Coordinate System: NAD 1983 CSRS UTM ZONE 11N
Units: METRES; Vertical Datum: CGVD2013
FCL values in both CGVD2013 and CGVD28 HTV2.0

Engineer VCCB	GIS MSN/MAO/SWM	Reviewer DPM (rivers)/GFL (lakes)/PKK
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