



FLOOD LEVEL 343.66 metres  
(Includes Freeboard)

**NOTE:**  
This information is considered historical as it represents channel conditions and configuration at the time of the survey only. User must accept responsibility of ensuring that the accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "as is" without warranty of any kind, whether express or implied. Under no circumstances will the Government of British Columbia be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of this information.



**NOTES**

- 1) This map has been prepared from field surveys carried out by the Surveys Sub-Section, Planning and Surveys Section, Inventory and Engineering Branch, and photogrammetric and cadastral mapping, compiled by the Surveys and Mapping Branch of the Ministry of Environment, Province of British Columbia.
- 2) **SURVEY DATA:**
  - a) Horizontal control was established by traverse using Hewlett-Packard Distance Meter, Model 3800B.
  - b) Subaqueous contours were drawn from depths established by Raytheon Depth Recorder, Model DE-7198.
  - c) Position control for bathymetry was maintained by simultaneous fixes from theodolites which were set over coordinated shore stations.
- 3) **DATUM:**
  - a) The horizontal control is based on Integrated Survey Monument No's. 75H2855, 75H2466, 6437, 6483, 6419, and 6470, Kelowna, established by the Field Operations Division, Surveys and Mapping Branch.
  - b) Coordinates are Universal Transverse Mercator, Zone 11, Central Meridian 117°.

- d) Contours between Elevation 342.53 and Elevation 345.0, were drawn from cross-sections obtained by field surveys. The location of cross-section lines was established by photo-identification. Minimum contour interval 0.5 metre.
- e) The survey was carried out during the period August-September, 1979.
- c) Elevations are based on Canadian Geodetic Datum.
- 4) **FIELD BOOKS:** Survey data are recorded in Field Book No's. 2212 P1, 2212 L1 to 2213 L3, inclusive, and 2212 I.
- 5) **MAPPING:** The area above contour 345.0 was mapped under Project No's. 72-5T and 79-10P-0 at a scale of 1:5000, using second order photogrammetric equipment.
- 6) **REFERENCE MONUMENTS:**

WMS Mon.	Northings	Eastings	Elevation
1688	5 527 523.107	318 404.922	343.451
1687	5 525 975.702	318 019.806	343.544
1688	Mon. 1687 - S 139 58' 53" W -	1594.61	

**LEGEND**

- FLOOD PLAIN LIMIT ELEVATION IN METRES
- - - EDGE OF UNDERWATER SHELF
- 342.53 - NORMAL HIGH WATER OPERATING LEVEL

50m 0 50 100 150m  
SCALE: 1:2500

**KEY MAP**

SEE DRAWING NO. 4567A-76.

**REFERENCES**

DWG No.	DESCRIPTION	DATE	No.	DESCRIPTION	DATE

**REVISIONS**

DATE	DESCRIPTION
SEPT. 1979	
FEB. 1981	

	Province of British Columbia	Ministry of Environment	Inventory No.
	WATER MANAGEMENT BRANCH		0305080-1
STORAGE INVENTORY PROGRAMME			SURVEY PROJECT No.
OKANAGAN BASIN - COLUMBIA SYSTEM			78-SIP-5
OKANAGAN LAKE			N.T.S.
BATHYMETRIC PLAN OF LAKE SHELF			Scale No. 82 E
KELOWNA AREA			SCALE
			1:2500
			DRAWING No.
			4567-76-P
APPROVED			DATE
			FEB. 1981
			SHEET 24 of 103