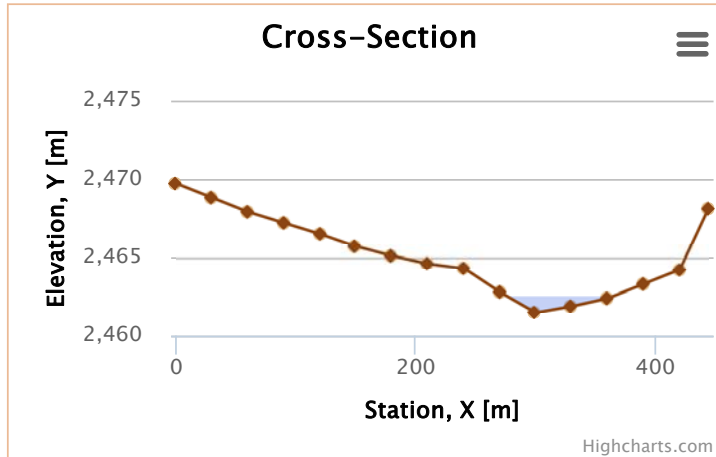


Cross-Section Hydraulic Properties Summary:

'Normal' Depth: 1.033 m
 Discharge: 35 m³/s
 Bed Slope: 0.001 m/m
 Hydraulic Roughness (Manning's n): 0.03
 Area: 49.105 m²
 Wetted-Perimeter: 88.314 m
 Top Width: 88.314 m



Sediment Transport Inputs:

Specify a Sediment Transport Equation:

Yang's Sand Total Load Equation ?

Specify the Transported Sediment Diameter:

Required Input mm

Flow Properties:

Specify the Discharge: 35 m³/s
 Specify the Bed Slope: 0.001 m/m
 Specify the Slope of the Energy Grade Line: 0.001 m/m

Show Advanced Options:

Click "Calculate" to determine sediment transport through the cross-section based on the sediment transport inputs.

Shen, Hsieh Wen, and Pierre Y. Julien. 1993. "Chapter 12: Erosion and Sediment Transport." *The McGraw Hill Handbook of Hydrology*. D. Maidment, ed., McGraw-Hill New York

Disclaimer:

The primary purpose of these outlines, the tables, and the graphs is to help identify possible flow and sediment problems. The developers are not liable for use of this model (including but not limited to information extracted and results).