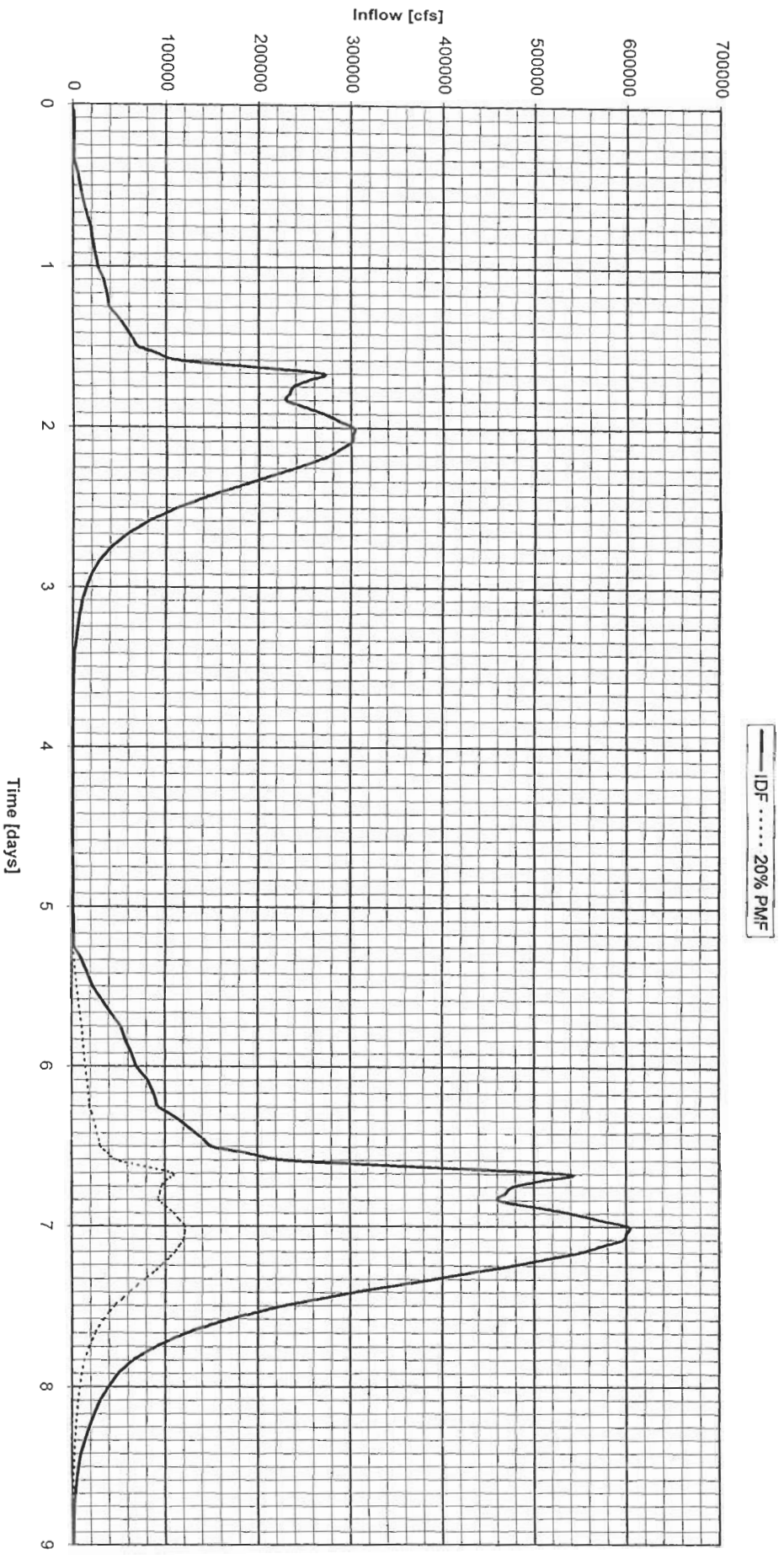
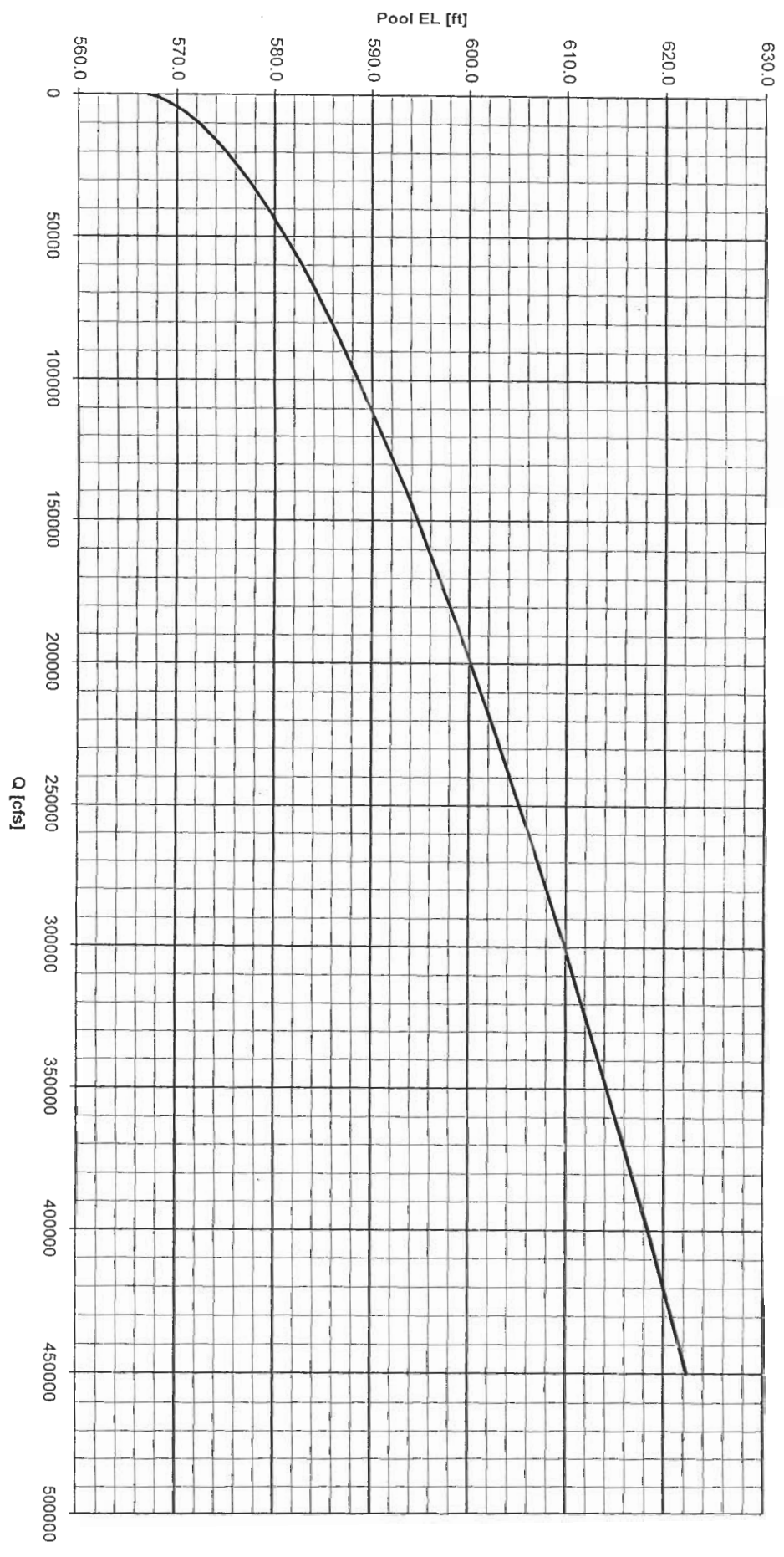


### Clearwater Major Rehabilitation Study (2003) Clearwater Lake Inflow Design Flood (Developed 1979) 20% PMF Computed from IDF



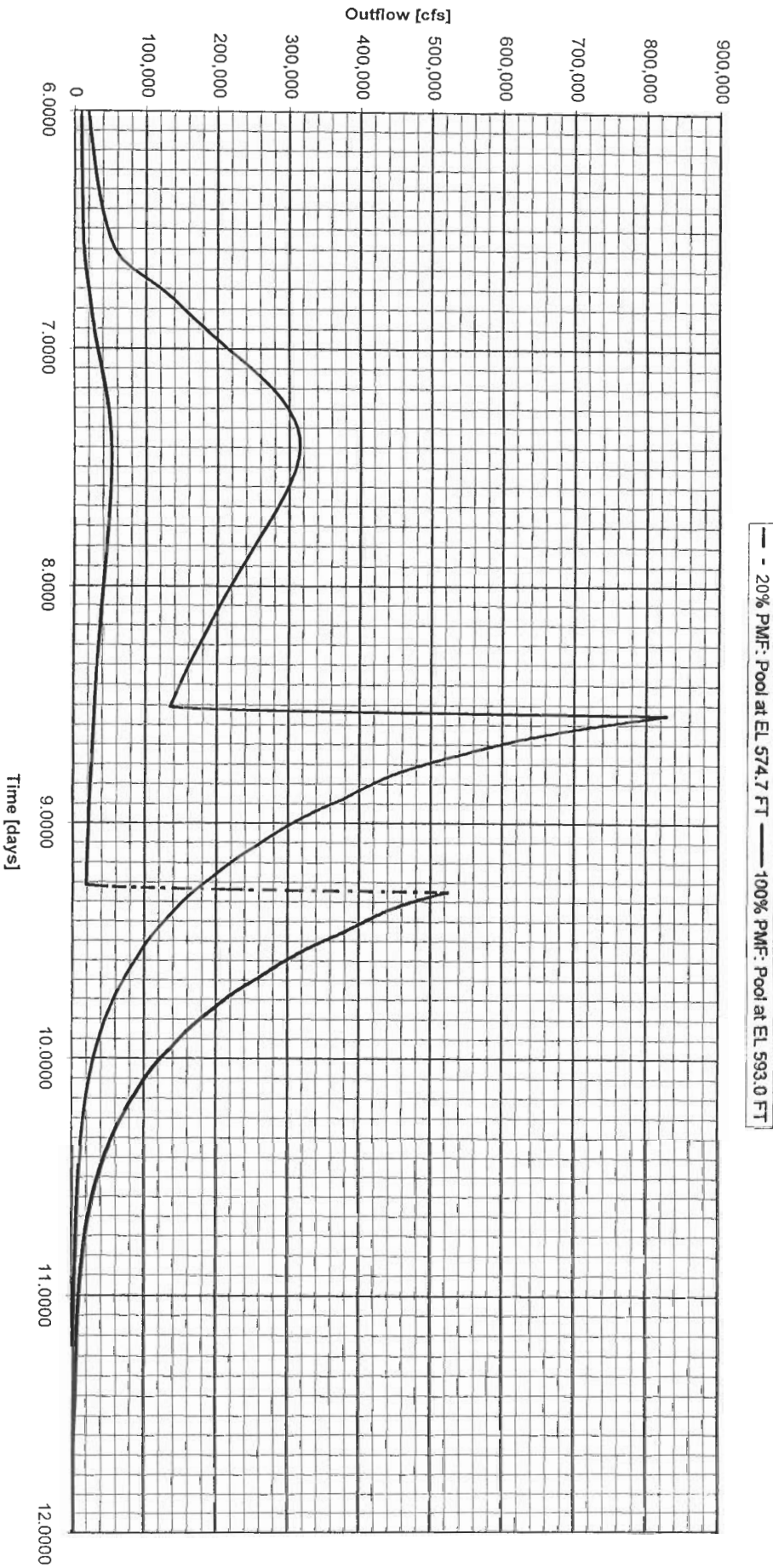
### Clearwater Major Rehabilitation Study (2003) Existing Condition Spillway Discharge Rating Curve

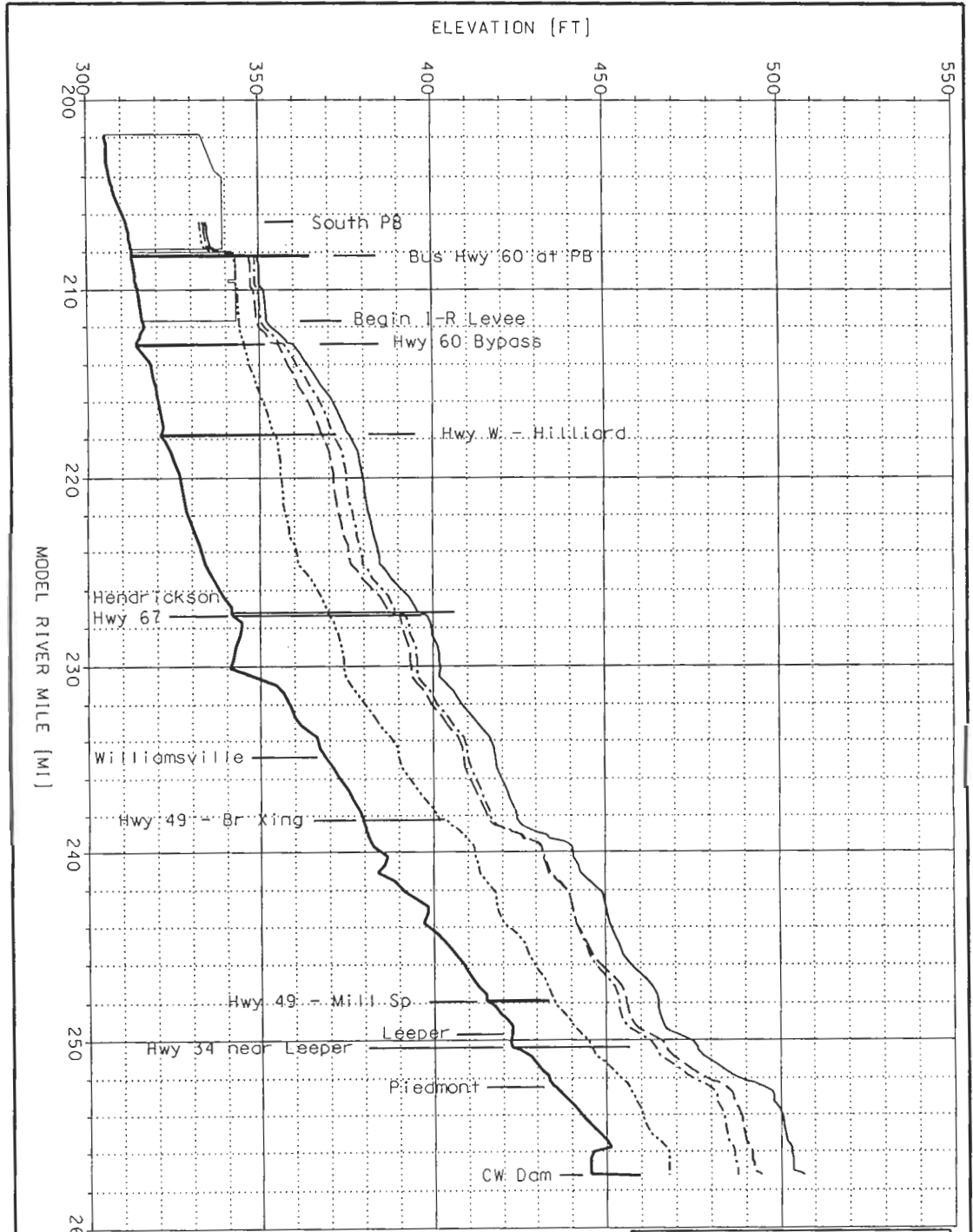


CESWL-EC-HH

PLATE C-3

# Clearwater Major Rehabilitation Study (2003) High Pool Seepage Dam Breach Failure Outflow Hydrographs





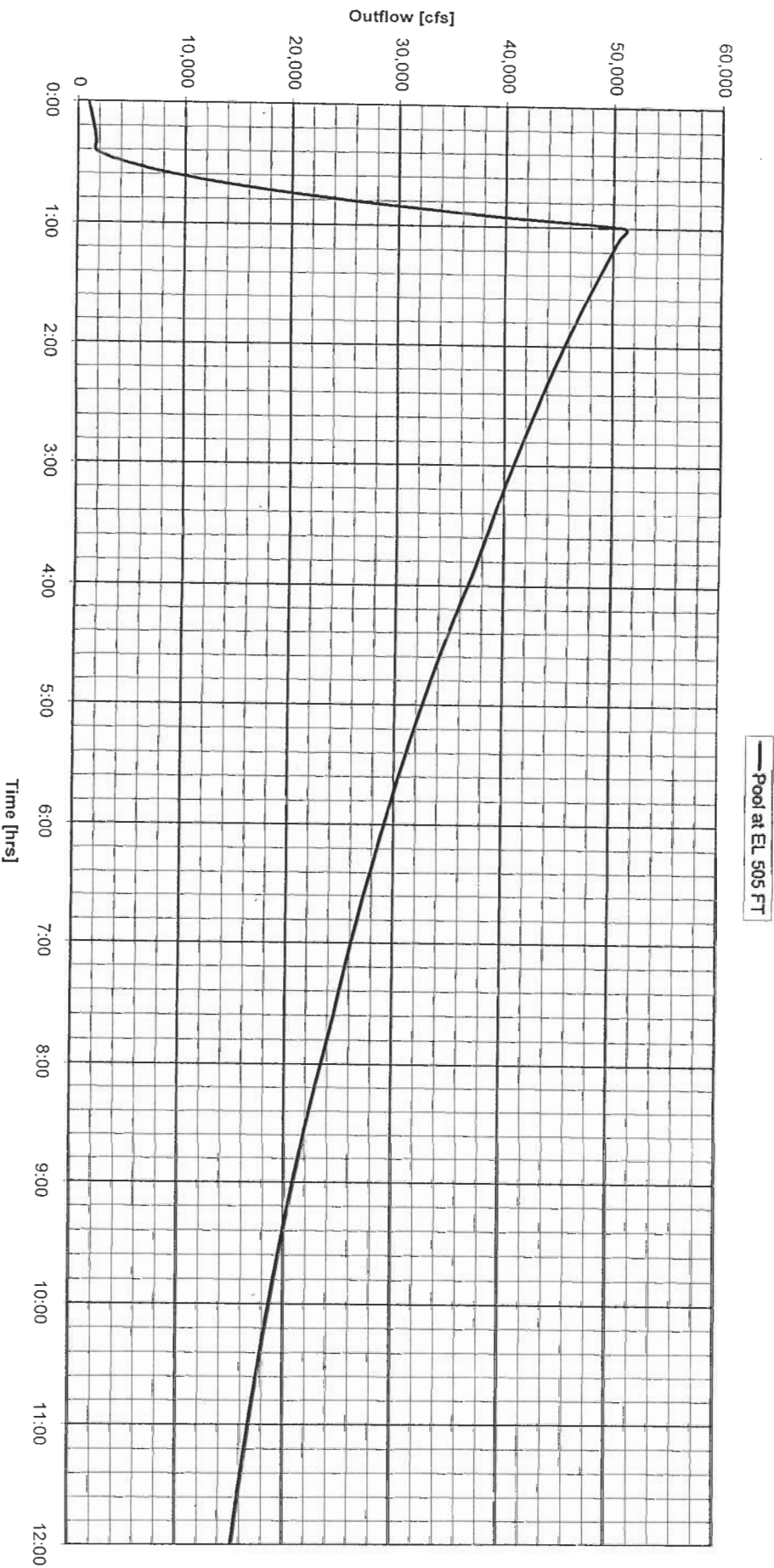
Legend	
Max WS - 100% PMF W/ Fail	(dash-dot line)
Max WS - 20% PMF W/ Fail	(long-dashed line)
Max WS - 100% PMF W/O Fail	(dotted line)
Max WS - 20% PMF W/O Fail	(dashed line)
Thalweg	(solid line)

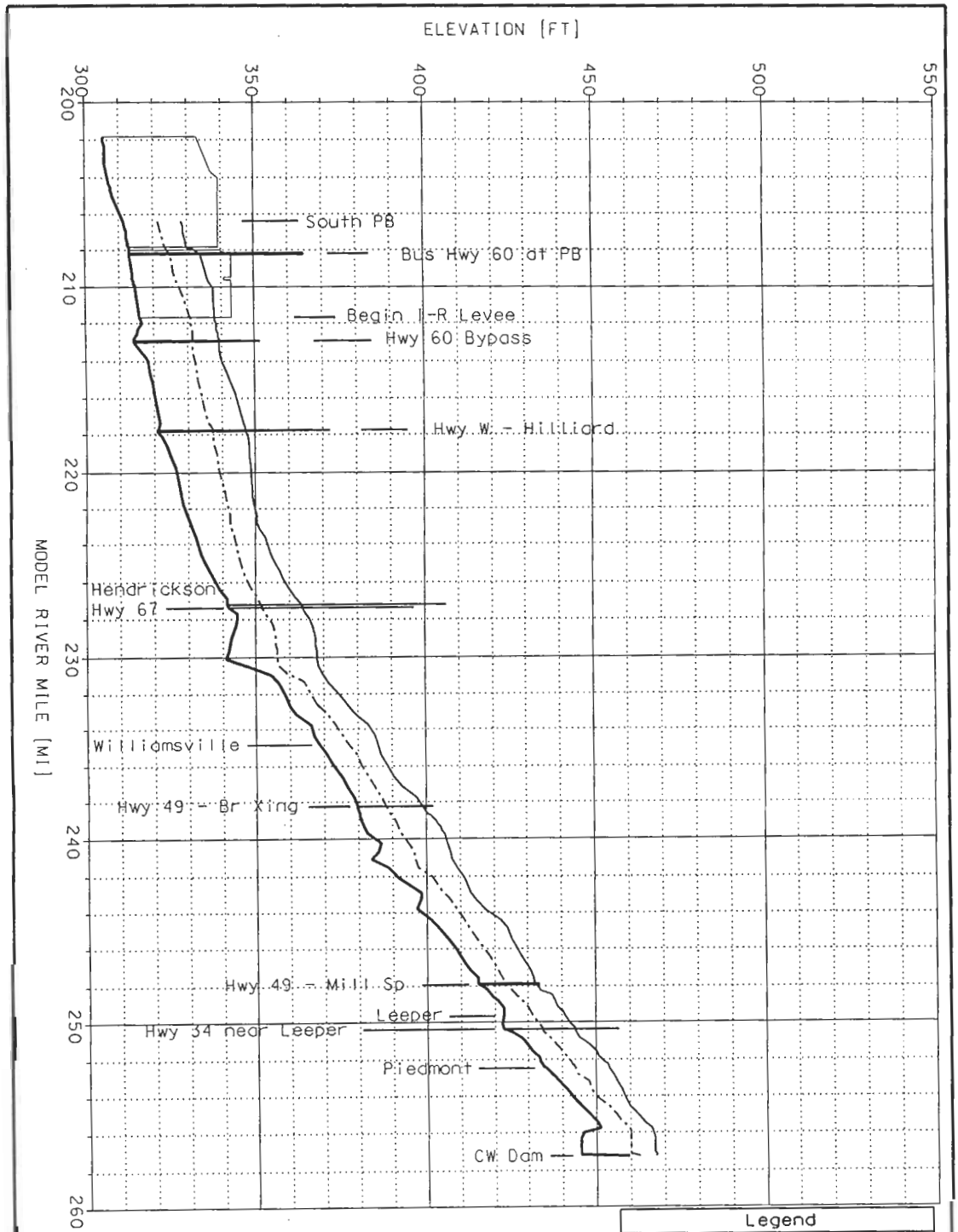
PLATE  
C-5

CESWL-EC-HH  
FEBRUARY 2003

CLEARWATER MAJOR REHABILITATION STUDY  
2003  
HIGH POOL SEEPAGE DAM FAILURE PROFILES

# Clearwater Major Rehabilitation Study (2003) Low Pool Seepage Dam Breach Failure Outflow Hydrograph





**NOTE :**

Without failure profile representative of lake release controlled to channel capacity at Poplar Bluff - about 4500 cfs.

Legend	
	Max WS - Pool at EL 505 FT With Failure
	Max WS - Without Failure
	Thalweg

PLATE C-7

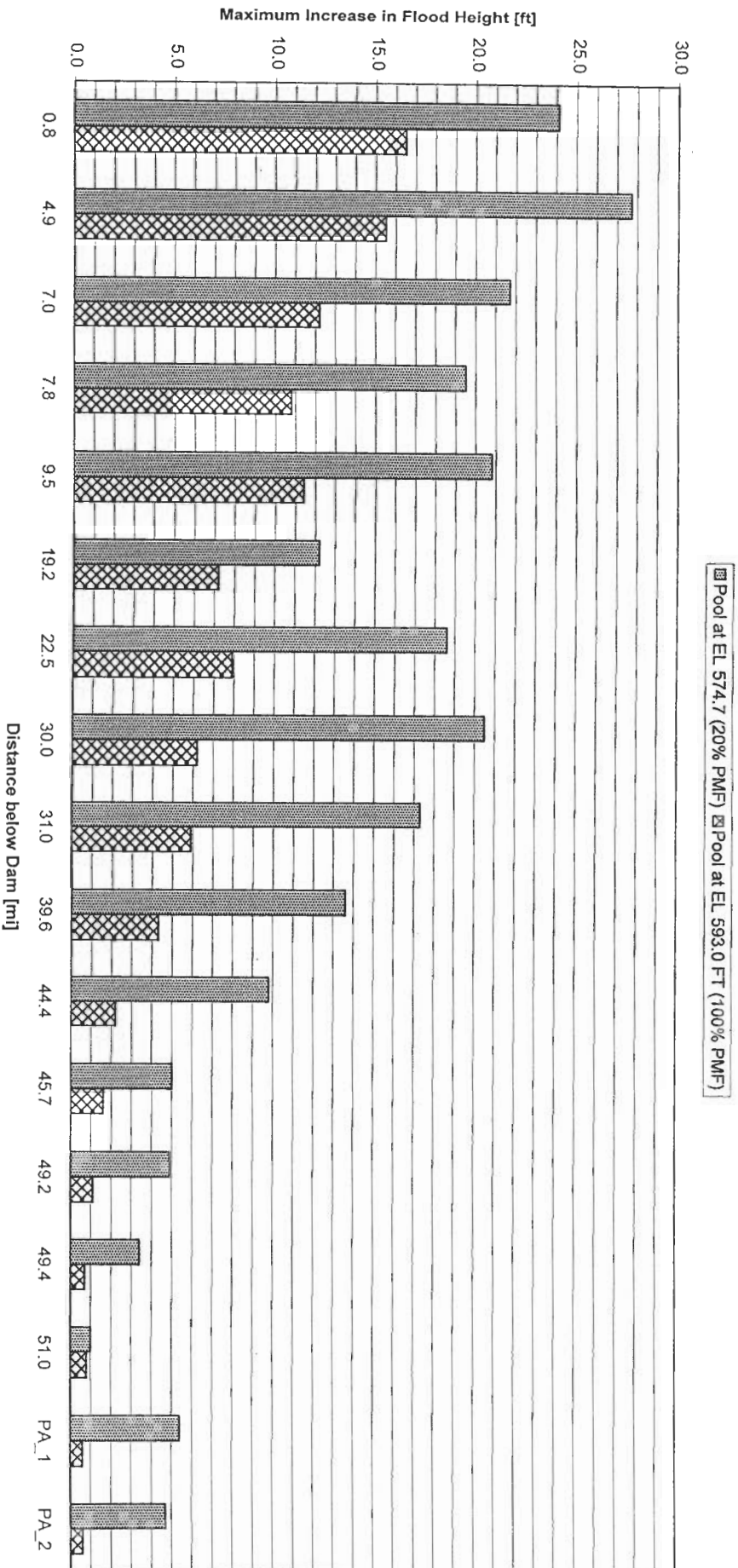


CESWL-EC-HH  
FEBRUARY 2003

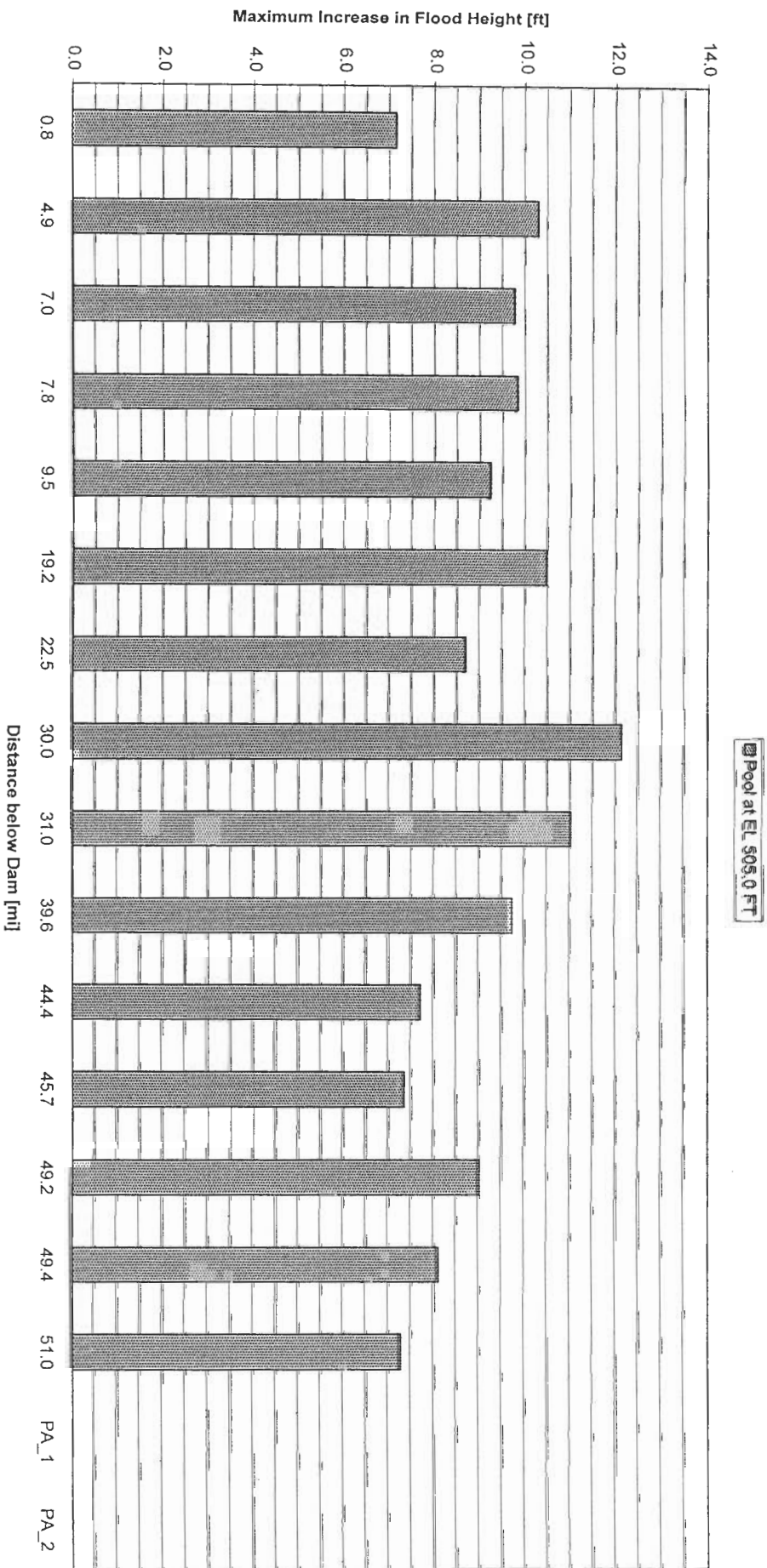
CLEARWATER MAJOR REHABILITATION STUDY  
2003

LOW POOL SEEPAGE DAM FAILURE PROFILE

**Clearwater Major Rehabilitation Study (2003)  
 High Pool Seepage Dam Breach  
 Maximum Increase in Flood Heights: Failure vs. Existing Condition Without Failure  
 (Breach Occurs with Pool in Recession)**

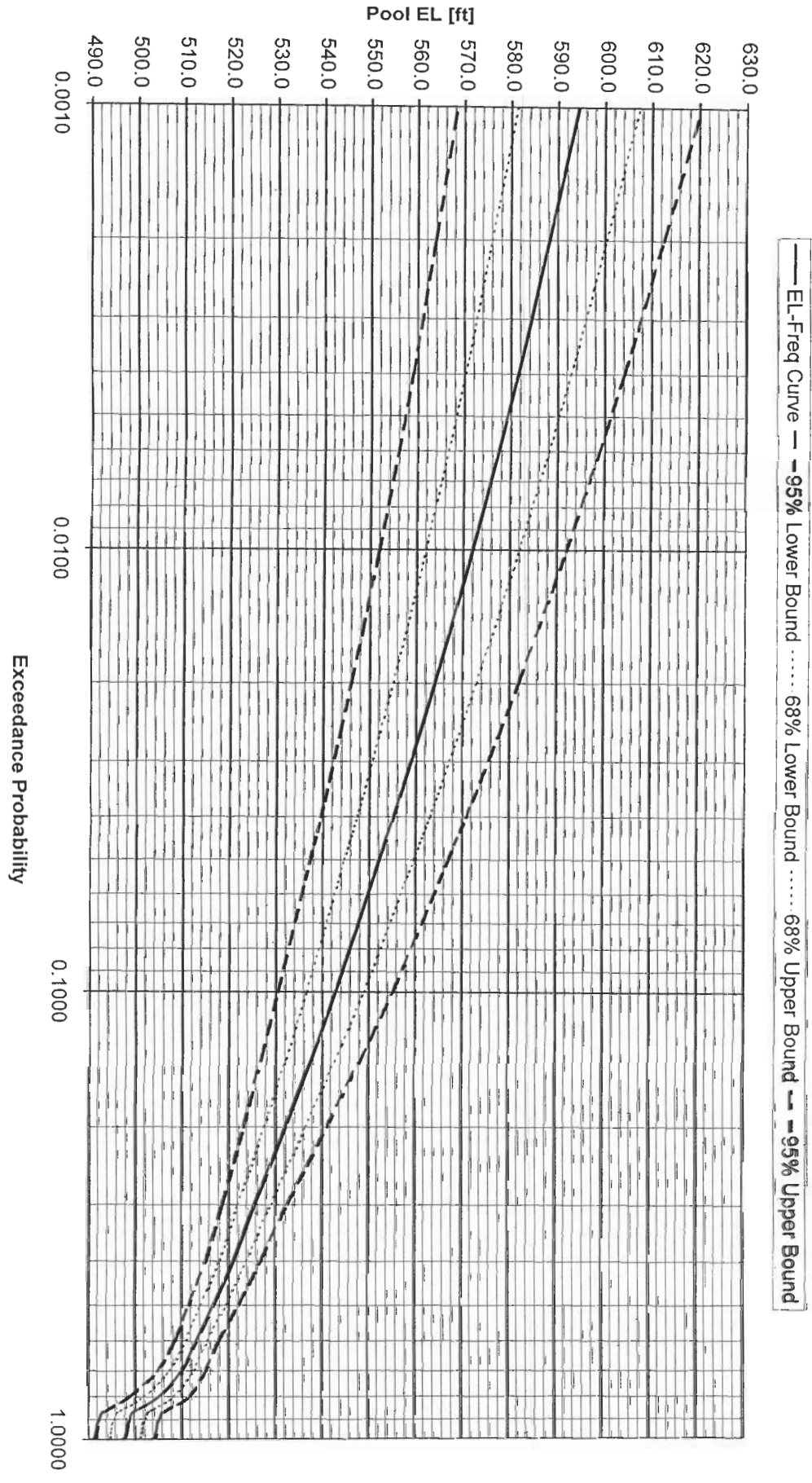


### Clearwater Major Rehabilitation Study (2003) Low Pool Seepage Dam Breach Maximum Increase in Flood Heights: Failure vs. Existing Condition Without Failure

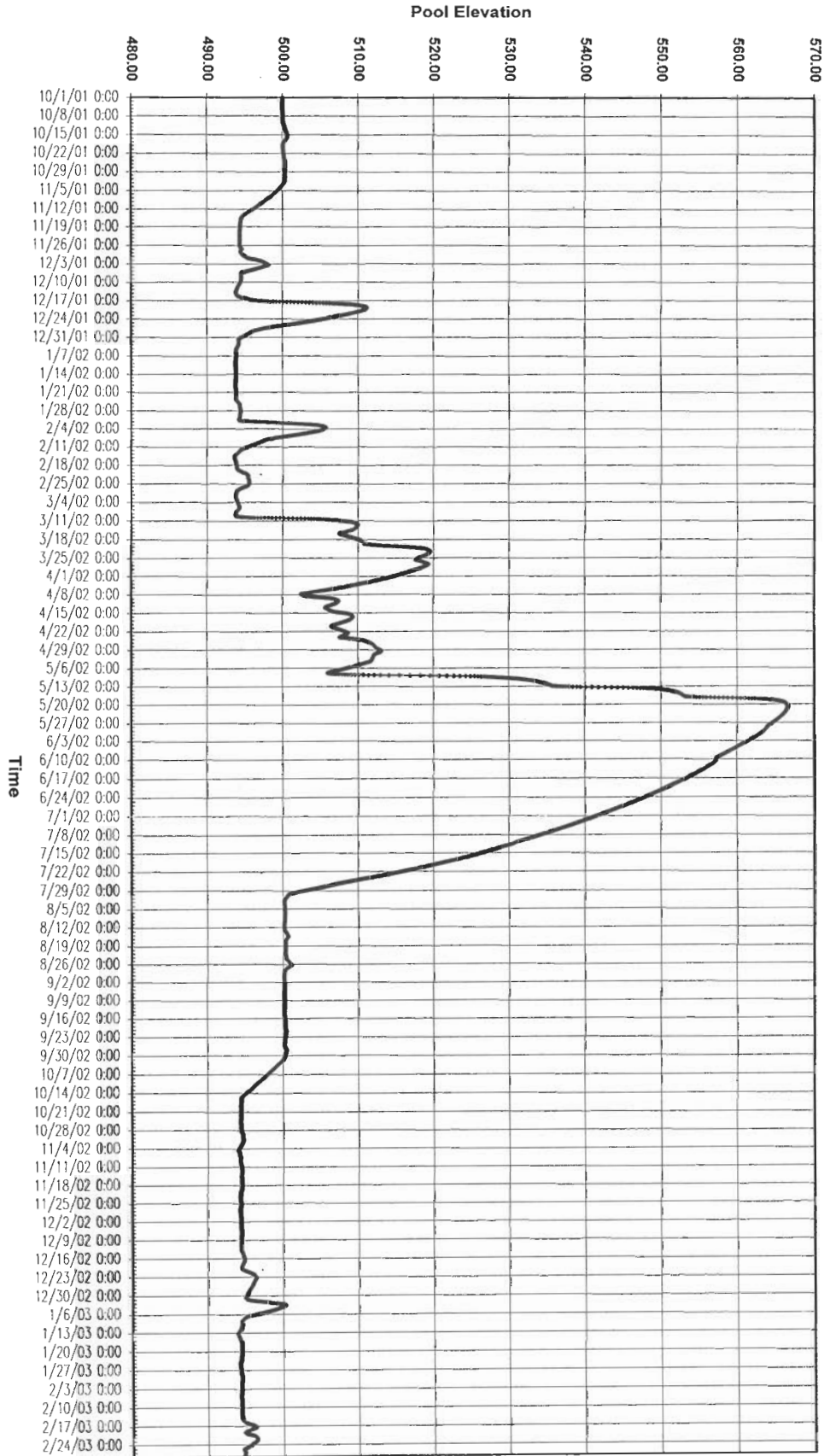




### Clearwater Lake Major Rehabilitation Study (2003) Pool Elevation-Frequency Curve With Confidence Limits

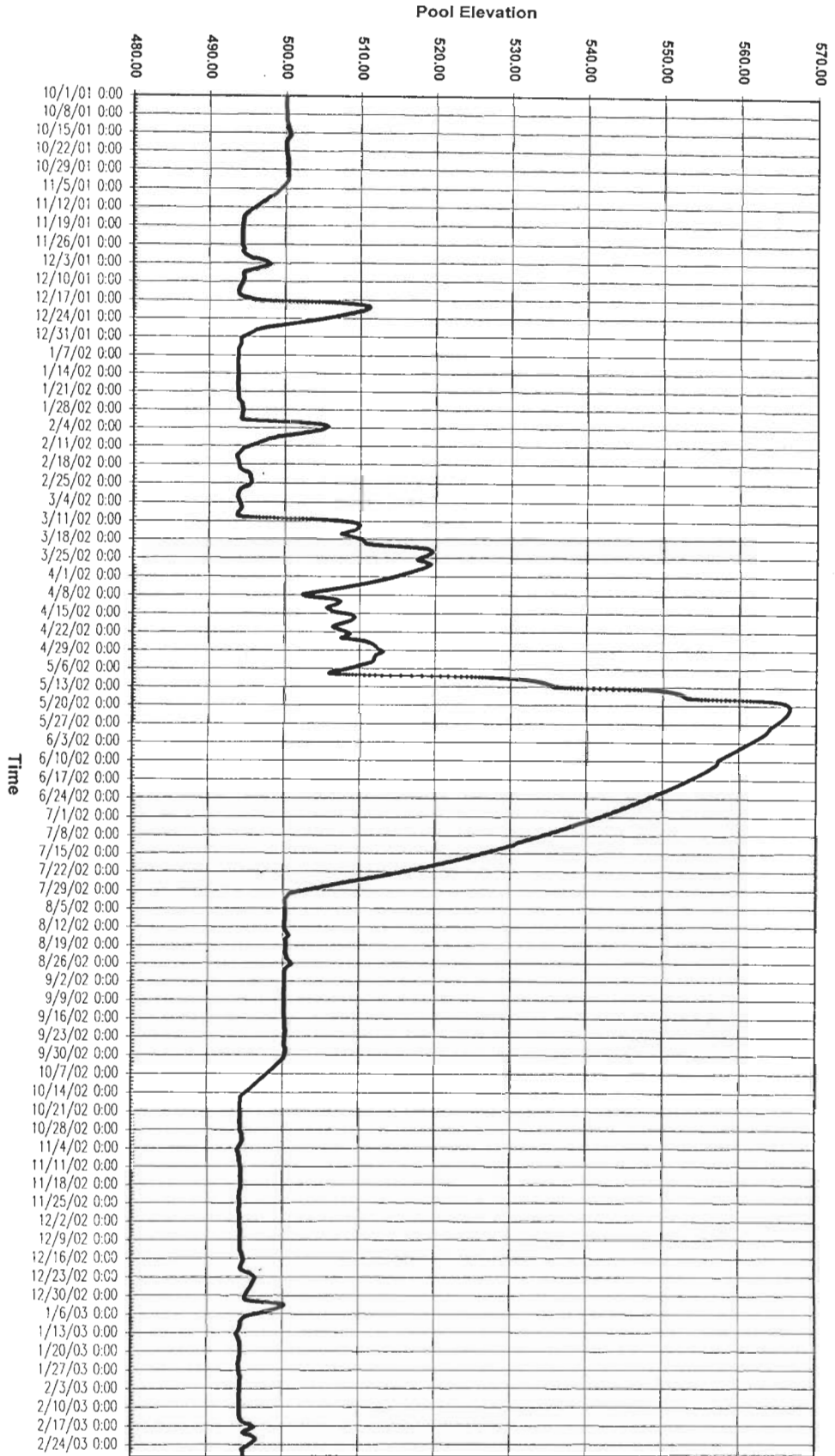


Clearwater Pool Elevations



--- Date: Time:

Clearwater Pool Elevations



Date: Time: