INDEX OF CROSS SECTIONS USED IN DAM FAILURE STUDY

In the study cross sections are used to model the inundation mapping. Cross sections are chosen from the Glen Canyon Dam and Lake Powell data. The mapping is performed using the following criteria:

- The cross sections are selected to represent the inundation mapping and the channel geometry.
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Cross section designations correspond to river mile distance upstream or downstream from Glen Canyon Dam. A negative number indicates downstream; a positive number indicates upstream.

Sections 256.1 through 256.2 (in the upper reaches of Lake Mead) are not shown.
CALLVILLE BAY AREA

FLOOD VALUES:
For dam failure study, Lake Mead water surface elevation was assumed to be 1214.5 feet (370 meters) or 1213.8 feet (370 meters) for an October failure.

Failure of Glen Canyon Dam would result in the Lake Mead water level rising by approximately 75 to 90 feet.
Arrival time of leading edge: 18 to 20 hours after Glen Canyon Dam failure.
Time to maximum water surface elevation (1304 feet): 75 to 76 hours after Glen Canyon Dam failure.

NOTE:
The inundation areas shown on this map reflect extremely rare events. Publication of this map is not intended to reflect in any way upon the integrity of Glen Canyon Dam. All inundation areas shown on this map are approximate. Mapping may not show all current dwellings or other buildings.