

STREAM DATA

The drainage area is 196.0 mi² (12,540 ac). This value was obtained from the drainage book prepared by the U.S. Department of the Interior, Geological Survey, page 124.

The stream rises slowly and lowers slowly. The main channel is new at the north side of the structure and has been for many years, but another channel was at the south end of the structure before this structure was built. This information was obtained from an old atlas and local residents.

About 230 ft of the river bottom is along the centerline and about 500 ft up- and downstream is an island built up of mud, sand, and loose rock. This island is vegetated with willows and small sycamores that catch quite a bit of small- to medium-sized drift and probably slow the flow of water during high water period. A set of plans is on hand, dated 1957, which proposed to clear out a similar situation at this location. Whether it was done is not known. If it was, it is probably just as bad or worse now. Such set of plans shows the main channel to be on the south side of the structure.

High-Water Elevation = 633.5 ft (1897 and 1961)

Low-Water Elevation = 605.6 ft (present water elevation minus 0.50 ft)

STREAM-DATA SAMPLE

Figure 22-6D