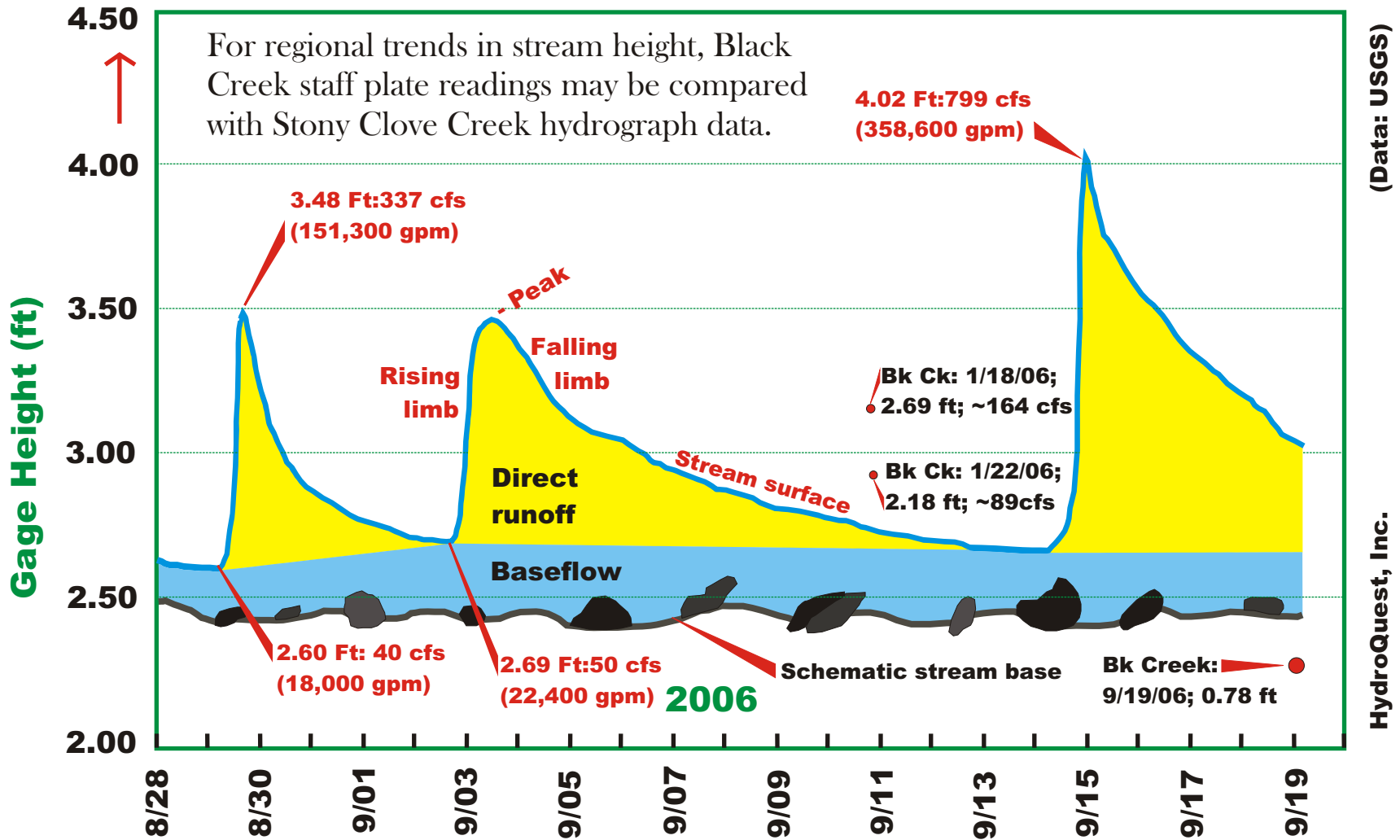


TYPICAL STREAM HYDROGRAPH

STONY CLOVE CREEK NEAR PHOENICIA, NY (USGS 01362380)



(Data: USGS)

HydroQuest, Inc.

Hydrographs graphically portray the rise in stream level due to precipitation and snowmelt. The highest recorded storm peak for the Stony Clove Creek in ten years of record is 10.33 feet (13,000 cfs). The Black Creek will not experience such large increases in stream elevation (stage) at the Rail Trail because it has a broad flood plain downstream. Its maximum elevational range, based on limited observation, is about 3.5 feet. There is not a direct correlation between the stage of the Stony Clove and Black Creeks.