

Skagit River Flood Damage Reduction Study Hydrology Background



Seattle District
US Army Corps of Engineers

17 June 2009

100-year Regulated Peak Discharge At Concrete

1952 - 190,000 cfs w/o historic peaks

USACE includes historic peaks after USGS WSP 1527 published in 1961

1963 – 260,000 cfs

1984 FIS - 226,000 cfs

2004 – 235,000 cfs

USGS adjusts historic peaks in 2007

2008 - 210,000 cfs



Hydrology and Hydraulics

Reviewed and Accepted by:

Corps' Hydrologic Engineering Center

Michael Baker Corp. (FEMA Contractor)

USGS Headquarters

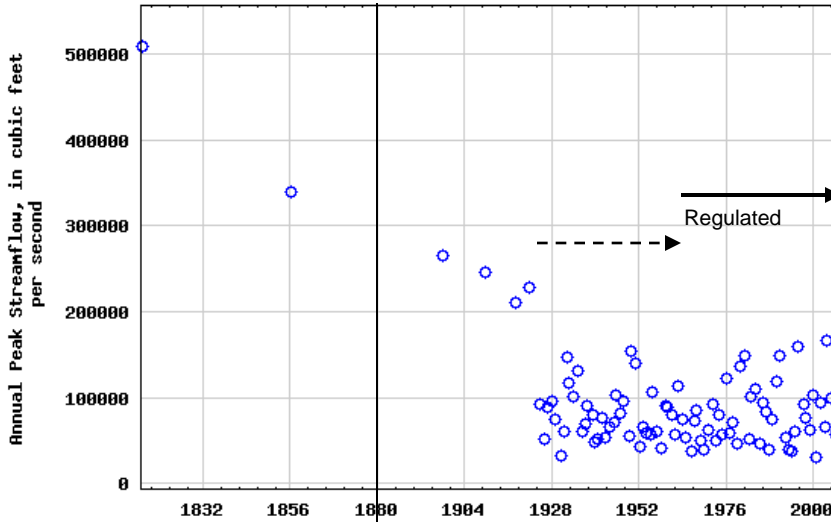
Puget Sound Energy

Skagit County

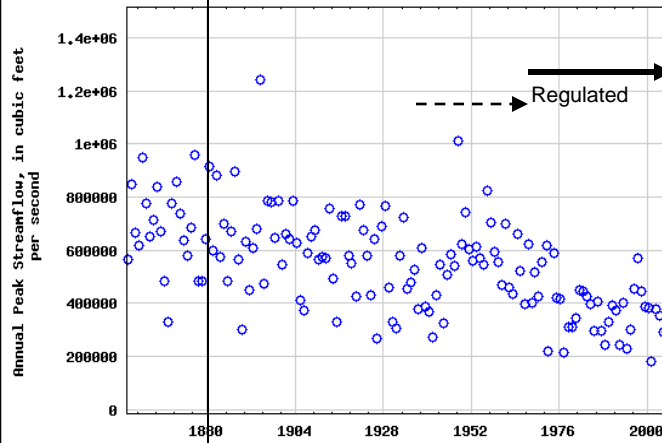




USGS 12194000 SKAGIT RIVER NEAR CONCRETE, WA



USGS 14105700 COLUMBIA RIVER AT THE DALLES, OR



USGS 14191000 WILLAMETTE RIVER AT SALEM, OR

