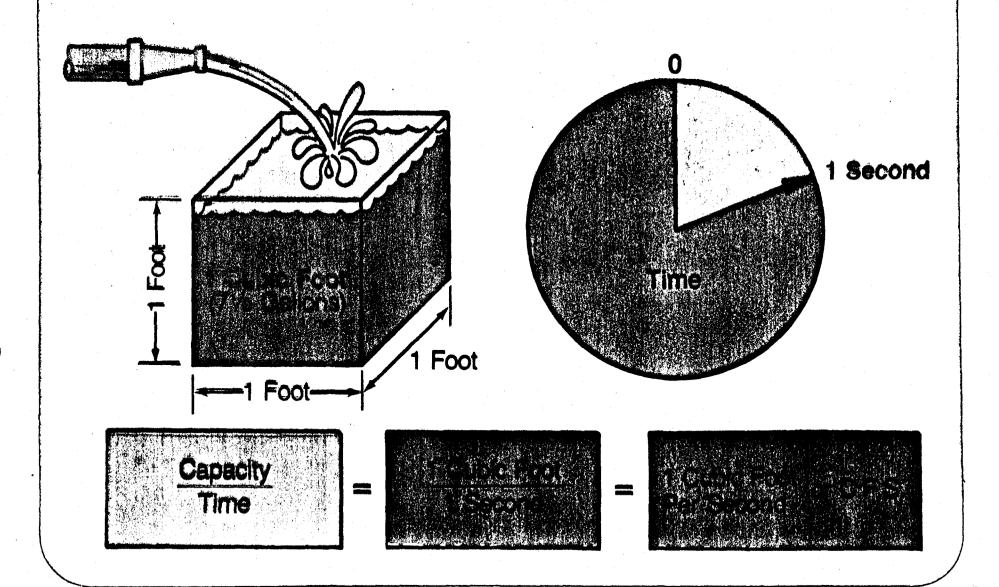
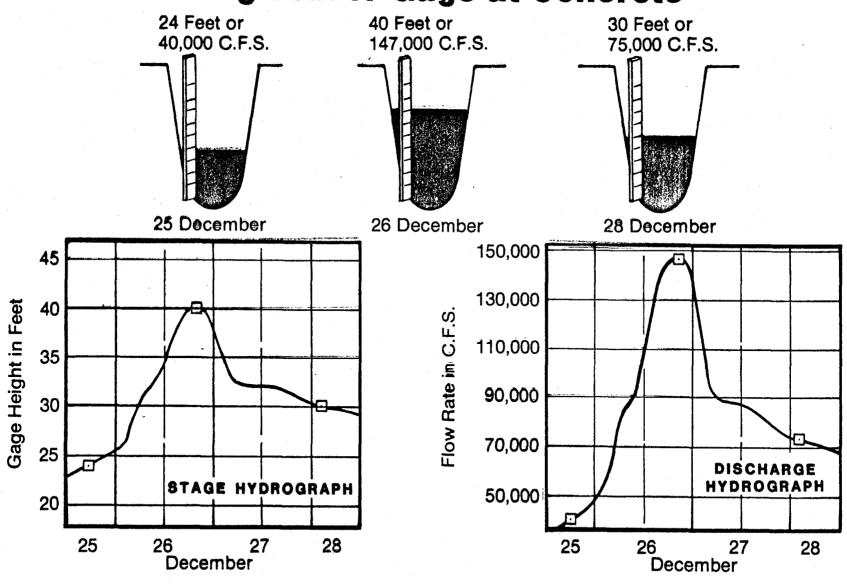
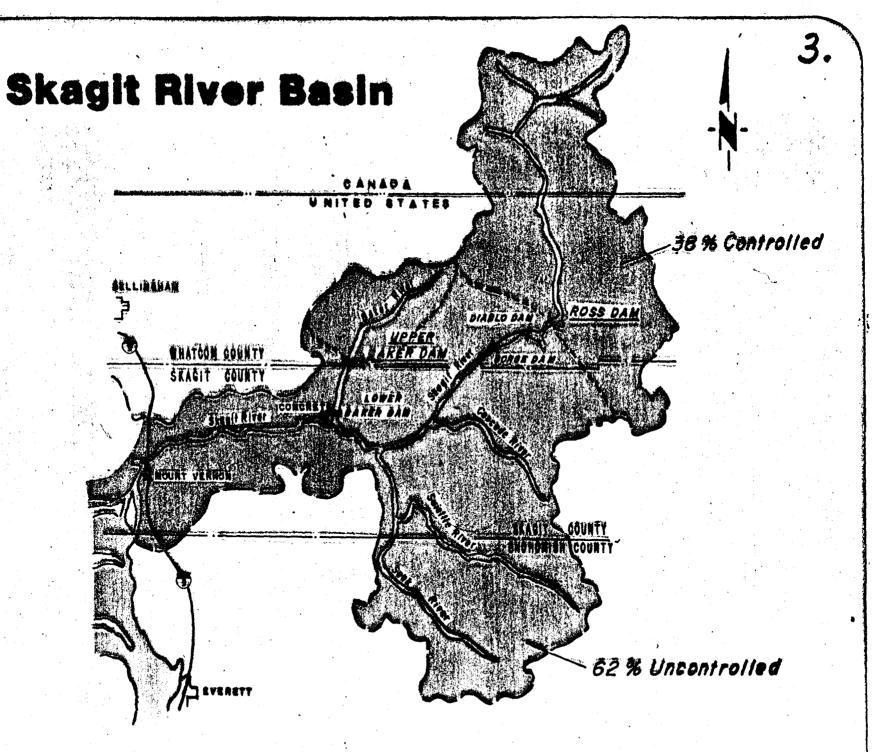
Flow Rate Cubic Feet Per Second (C.F.S.)



Hydrographs Skagit River Gage at Concrete







Flood Control Responsibilities

NATIONAL WEATHER SERVICE — SEATTLE

Forecasts weather and river conditions

CORPS OF ENGINEERS — SEATTLE

Monitors weather, river and reservoirs

Provides regulating instructions to dams

PUGET SOUND POWER & LIGHT AND SEATTLE CITY LIGHT

Maintains flood storage space

Operate dams — gate changes

SKAGIT COUNTY PUBLIC WORKS DEPT.

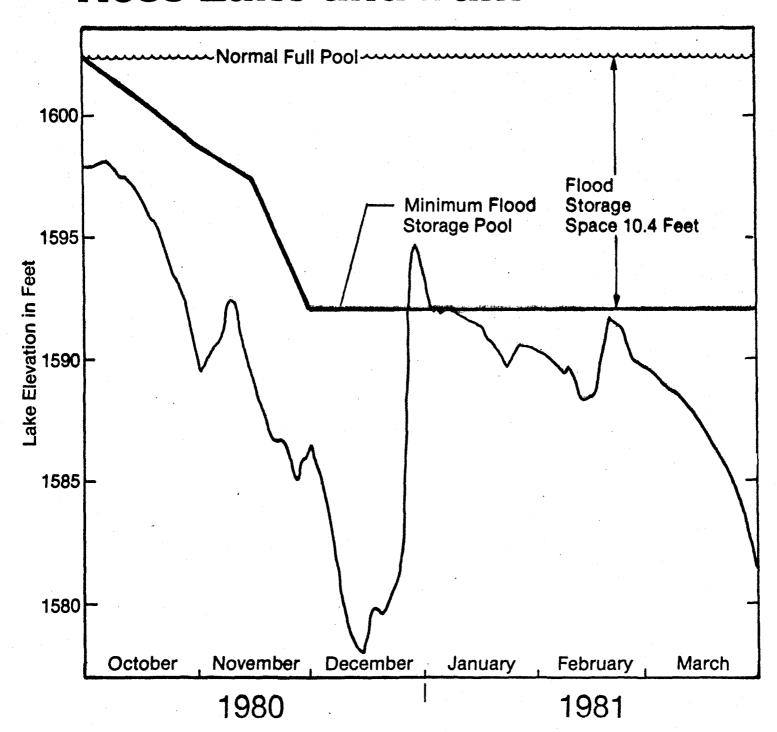
Provides flood information to the public

Coordinates flood emergency activities

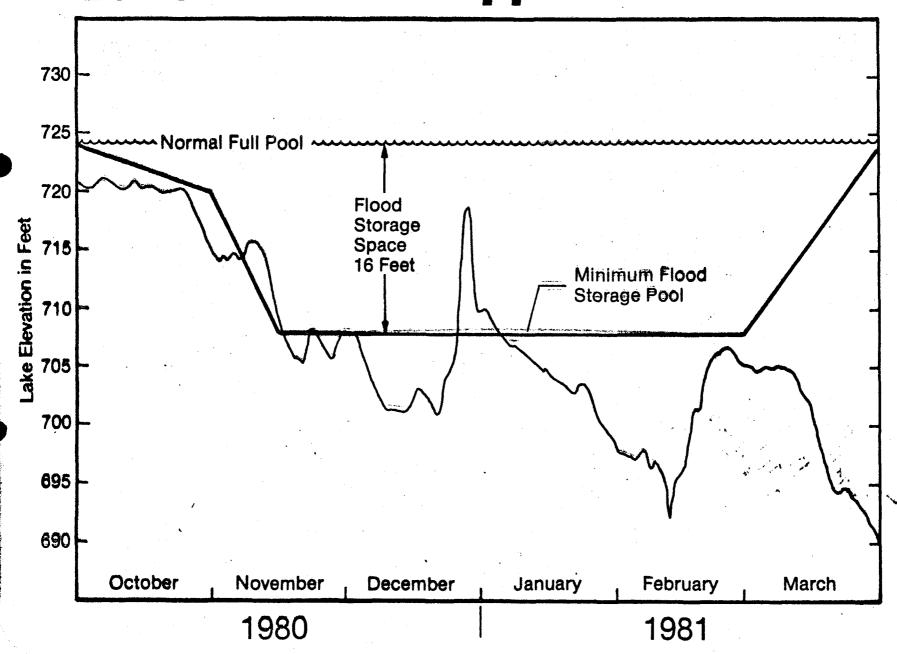
- Regulate flows forecast to exceed 90,000 c.f.s. (32.2 feet) at Concrete
- Reduce outflow from dams (except minimum power flows)
- Store floodwater in reservoir
- Release stored water when flow at Concrete recedes
- Maintain recession at Concrete



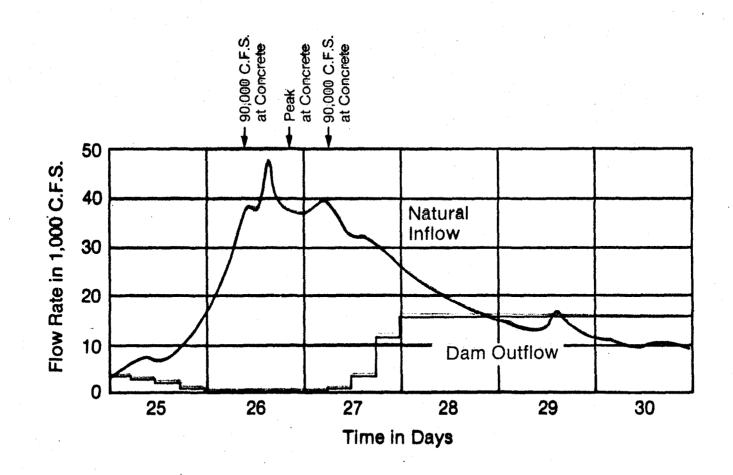
Ross Lake and Dam



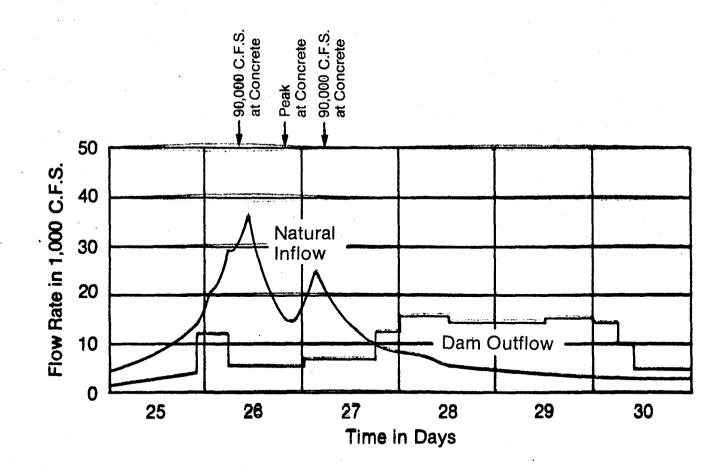
Baker Lake and Upper Baker Dam



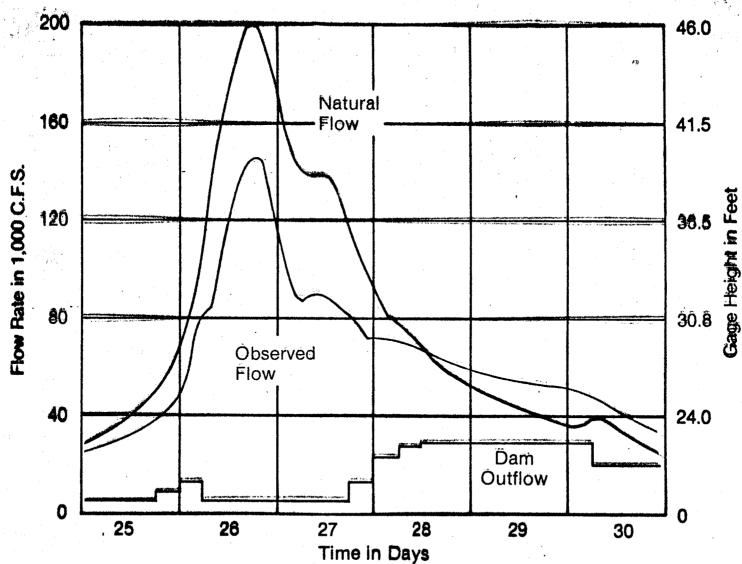
Skagit River at Ross Dam December 1980 Flood



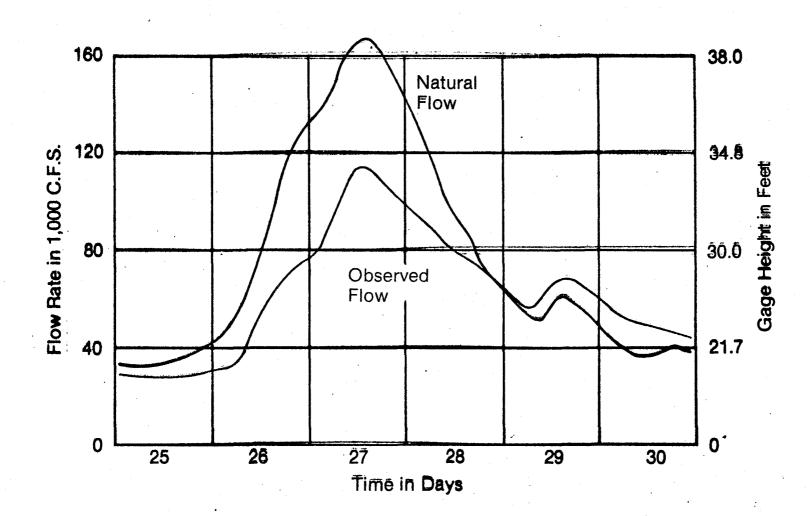
Skagit River at Upper Baker Dam December 1980 Flood



Skagit River at Concrete December 1980 Flood



Skagit River at Mount Vernon December 1980 Flood



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Summary

- Corps regulates flows above 90,000 c.f.s. (32.2 ft.) at Concrete
- Dams incidently regulate flows below 90,000 c.f.s.
- Dams provide flood damage reduction
- But dams cannot eliminate the possibity of flooding