CONSIDERATION OF PAST AND FUTURE RIVER CONDITIONS WITHIN A MODERNIZED COLUMBIA RIVER TREATY

PRESENTED BY MIKE MILES
MAY 10, 2019 AT UC BERKELEY
CELIO FALLS NOW THE DALLES DAM
DUNCAN DAM SYNTHESIZED INFLOW

SEASONAL VARIATION IN FLOW - 1967-1999

DAILY FLOW (m³/s)

Maximum
Average
Minimum

SAVAGE ISLAND – HANFORD REACH

1996

2015
RIVERINE QUESTIONS:

1. WHAT ARE THE PRESENT AND LONG TERM POST-REGULATION PHYSICAL IMPACTS?
2. WHAT ARE THE ASSOCIATED BIOLOGICAL, CULTURAL, ECONOMIC OR OTHER IMPACTS?
3. CAN OR SHOULD THESE IMPACTS BE MITIGATED IN A MODERNIZED TREATY?
4. IF YES, IS RIGOROUS ADAPTIVE MANAGEMENT POSSIBLE?