

# Water Assumptions for 2003

- Observed to date (flows at The Dalles):
  - October: Lowest in the record\*
  - November: 7th lowest
  - December: 8<sup>th</sup> lowest
  - January: 30<sup>th</sup> lowest
- Weighted the 50 year set of streamflows (1929-1978) to have a weighted mean for the January – July runoff at The Dalles of 75 million acre feet (maf).

\*74 year record WY 1929-2002

## Hydro Analysis for FY03

- 50-year HYDSIM refill study initialized to Jan 1, 2003
- Models current Chum operation agreed to through TMT (11.2 foot tailwater) through March
- Models Vernita Bar flows of 70 kcfs at Priest Rapids through May
- Attempts to meet Apr 10 flood control elevations and June refill at the reservoir projects, with June refill for summer flows having higher priority
- Juvenile bypass spill as specified in NOAA Fisheries' 2000 BiOp except where spill tests will likely occur
- Non-Federal hydro projects operated according to PNCA plan
- Treaty storage was operated in accordance with the Treaty Storage Regulation (TSR) and flow shaping agreement with Canada
- 1500 aMW less hydro generation for FY 03 than in May 2000 analysis