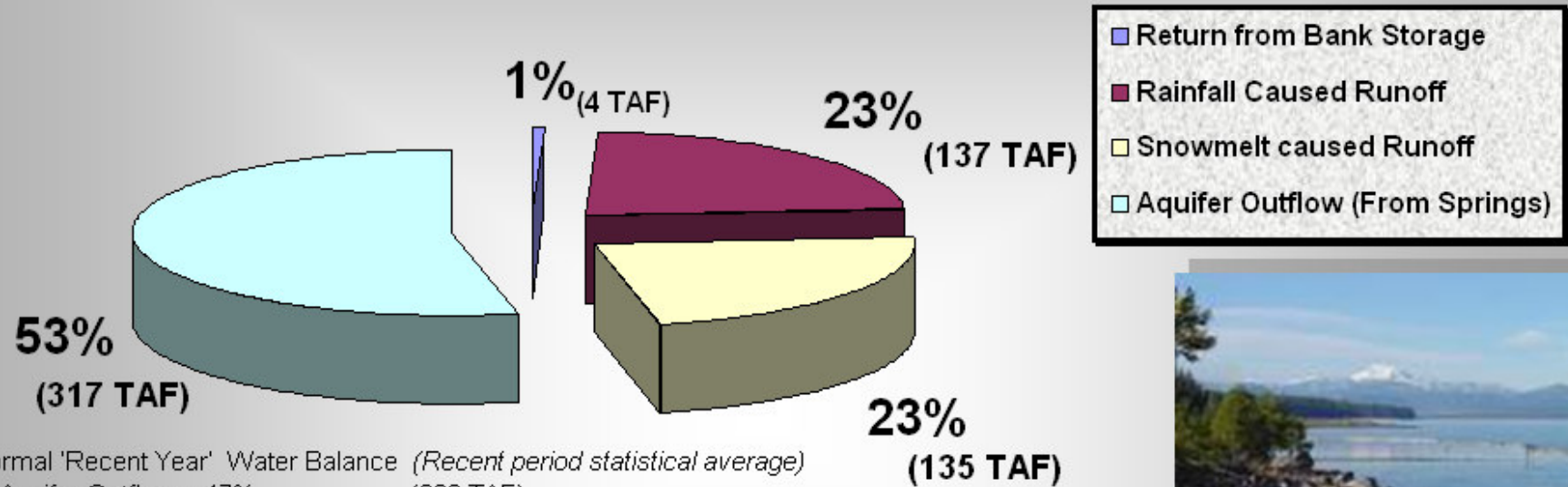


# The 2009 Calendar Year Lake Almanor Hydrological Unimpaired Inflow Water Balance\*



Normal 'Recent Year' Water Balance (Recent period statistical average)

- Aquifer Outflow = 47%.....(360 TAF)
- Snowmelt Produced Runoff = 28%....(213 TAF)
- Rainfall Produced Runoff = 25%.....(187 TAF)
- Bank Storage Net Contrib. = 0%.....(0 TAF)

Total Mean Inflow before Lk Evap = ~760 TAF  
(typical annual lake surface evap = 90-95 TAF leaving ~670 TAF to operate with)

**Approximately 93 TAF will evaporate from the Lake Surface in 2009 and can be subtracted in terms of seasonally distributed 'loss' from the above 589 TAF (can't count the 4 TAF from Bank storage) Unimpaired 'Natural' Inflow to the Lake. Approximately 500 TAF (~75% of normal) becomes the net available 'working' water for the 2009 reservoir water operations. Another approximately 475-500 TAF of water doesn't show up in this pie chart and will contribute to the 2009 actual evapotranspiration over the land portion of the 491 sq. mi. headwater drainage +/- change to aquifer storage.**

\* based on the mid-May 2009 water Outlook....All number approximate and represent best attempts to balance the Almanor Basin's calendar year water . This analysis doesn't acct for consumptive well withdrawals, small consumptive diversions, or other-----GJFreeman, PG&E Power Gen - Water Management