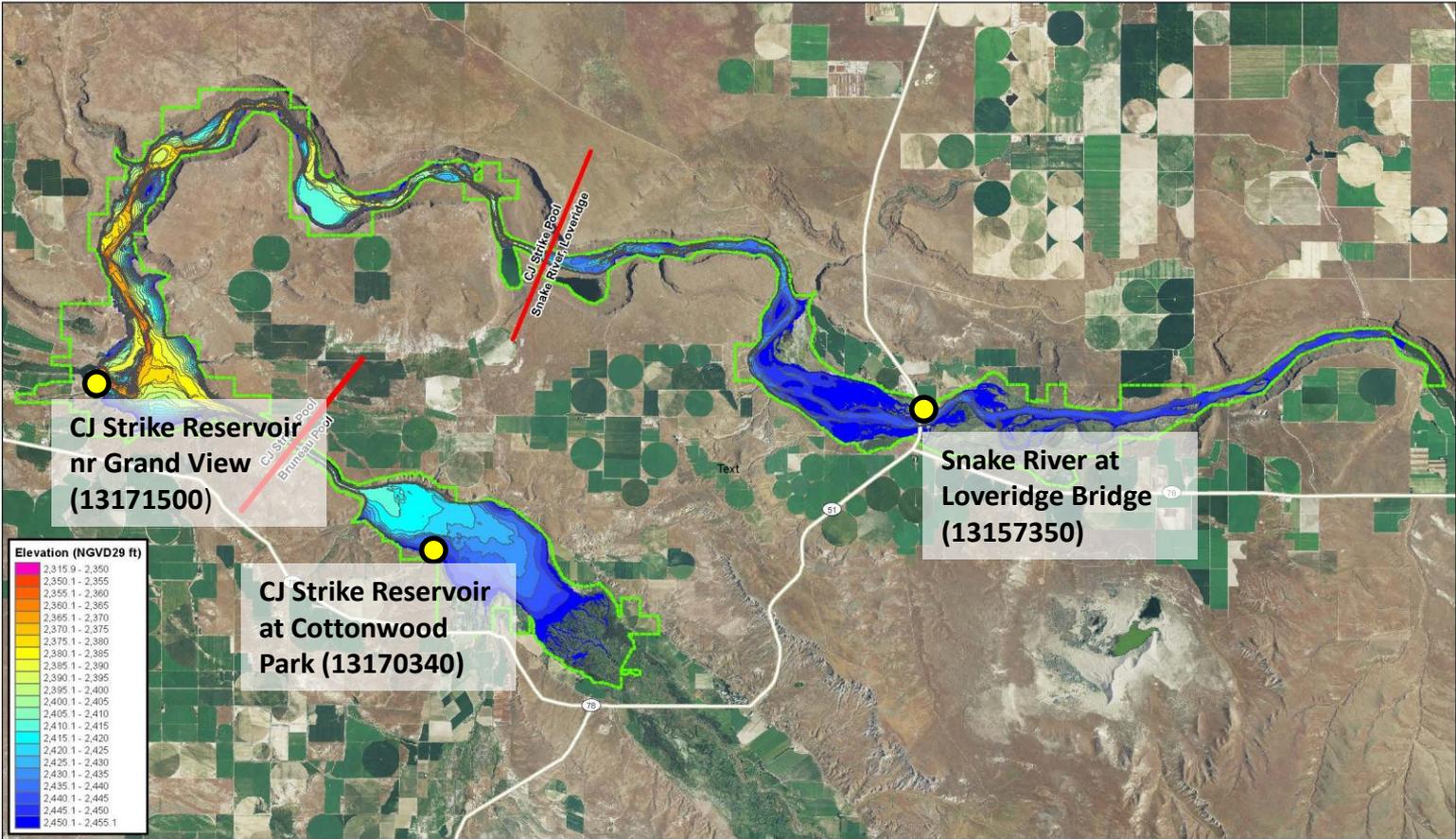


# AADF – Multiple Headwater Gage Storage Calculation Options for CJ Strike Reservoir



Swan Falls Technical Working  
Group Meeting 09/15/2015

# Headwater Gages on CJ Strike



-  Contours (5' Interval)
-  IPCo Project Boundary
-  Headwater Gage

*CJ Strike Reservoir  
1995 Singlebeam Transect Bathymetry*



# Purpose of using multiple headwater gages

- Using multiple headwater gages to calculate CJ Strike storage is anticipated to:
  - Smooth fluctuations in headwater readings that occur when only one gage is used
  - Better represent headwater over the entire reservoir and not just near the dam
  - Implicitly account for wind events (somewhat) since wind effects in one area of the reservoir are expected to be compensated for in other areas of the reservoir

