

**10/8/08 F-CO FUNCIONAL EXERCISE  
OROVILLE/NEW BULLARDS BAR FLOOD SCENARIOS**

**CONDITIONS FOR SCENARIO 1:**

**Simulation date & time: 10/8 @ 9am; event date assumed 1/18 @ 10am briefing**

*Overview: Pretend today is January 18*

Over the Christmas and New Year holidays, a strong winter cold front dumped a large amount of snow in the Sierras. The Feather and Yuba drainage basins have had normal or above normal precipitation and snow to date. The Oroville wetness index (W.I.) is well above 11" indicating wet ground.

In the last 2 weeks a series of wet tropical storms (Pineapple Express) has been hammering the northern California coast and the Northern Sierras. The Feather and Yuba basins have received precipitation in 20 of the past 30 days. Rainfall is expected to continue for the next 3 days.

The Feather and Yuba basins each recorded 4.1" over the 24-hour period ending at 4am this morning. Snowline elevations are currently around 6000' and expected to rise to around 8000' over the next 24 hours. Forecasters predict another 2.1" of precipitation in the Feather basin and 3.1" in the Yuba basin over the next 24 hours.

Lake Oroville is at 847.7' elevation and about 390 af below flood control storage space. Inflows are around 194,900 cfs. Total releases are around 50,000 cfs with the flood control outlet release at 35,000cfs and the Hyatt Powerplant release at 15,000 cfs. The morning forecast called for Lake Oroville inflows to peak around 168,800 cfs by 10am then decrease to around 140,000 cfs by midnight.

New Bullards Bar is at 1,922' elevation and about 18,400 af encroached into flood control space. Inflows are around 62,000 cfs. Total current release is around 17,000 cfs. The morning forecast called for New Bullards Bar inflows to peak around 49,000 cfs by 10am then decrease to around 43,000 cfs by midnight.

Current Feather River flow is around 50,000 cfs and Yuba River flow near Marysville is around 50,000 cfs.