

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

CONDITIONS FOR SCENARIO 2:

Simulation date & time: 10/8 @ 10am; event date assumed 1/19 @ 10am briefing

Overview: Pretend today is January 19. Scenario 2 is independent of Scenario 1.

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 21 of the past 31 days. Rainfall is expected to continue for the next 2 days.

Rainfall has been heavy in the last 24 hours with 6.6" recorded in the Feather basin and 6.0" recorded in the Yuba basin over period ending at 4am this morning. Rainfall intensified overnight; observed totals were 5.1" and 4.9" in the Feather and Yuba basins, respectively, over the last 12 hours. Snowline elevations are currently around 9000' and expected to decline to around 7500' over the next 24 hours. Forecasters are predicting continued heavy precipitation over the next 24 hours with 8.2" forecast in the Feather basin and 9.7" forecast in the Yuba basin.

Lake Oroville is at 872.2' elevation and about 329,400 af encroached into flood control space. Inflows are around 300,000 cfs. Total releases are around 150,000 cfs through the flood control outlet only. The morning forecast called for Lake Oroville inflows to peak around 369,000 cfs late this evening then decline to about 274,000 cfs by this time tomorrow morning.

New Bullards Bar is at 1939' elevation and about 90,600 af encroached into flood control space. Inflows are around 103,000 cfs. Total current release is around 33,000 cfs. The morning forecast called for New Bullards Bar inflows to peak around 133,400 cfs late this evening then decline to about 124,000 cfs by this time tomorrow morning.

Current Feather River flow is around 150,000 cfs and Yuba River flow near Marysville is around 130,000 cfs.