

## **F-CO 2010 Functional Exercise – Player Manual**

### **10/06/10 F-CO FUNCIONAL EXERCISE OROVILLE/NEW BULLARDS BAR FLOOD SCENARIOS CONDITIONS FOR SCENARIO 2:**

Simulation date & time: 10/06/10 @ 12:30 PM.

**Event date (assumed) 02/16/11 - 10 a.m. briefing**

*Overview: For exercise purposes today is February 16*

It has been an early winter, with ski resorts opening on Thanksgiving without the use of snow-making machines. In the week before Christmas, a strong winter storm has resulted in a large amount of snow in the Sierras, with the snow line between 6000 feet in the north and 7000 feet in the south. The Feather and Yuba drainage basins have had above normal precipitation and snow. The Oroville wetness index (W.I.) is well above 11, indicating wet ground. The Feather and Yuba basins have received precipitation in 20 of the past 30 days. Rainfall is expected to continue for the next several days.

The Feather and Yuba basins each recorded 3.0 inches of precipitation over the last 24-hour period ending at 4 AM today. Snowline elevations are currently around 6500 feet and expected to rise to around 7500 feet over the next 24 hours. Forecasters predict another 7.8 inches of precipitation in the Feather basin and 9.5 inches in the Yuba basin over the next 48 hours.

Lake Oroville is at 800.2 feet elevation and about 594,000 acre-feet below flood control space. Inflows are around 40,000 CFS. Total releases are around 30,000 CFS. The morning forecast calls for Lake Oroville inflows to peak around 373,000 CFS by 6 AM on February 18 and then expected to recede around 99,000 CFS by February 21 at 9 AM.

New Bullards Bar is at 1,892.2 feet elevation and about 105,500 acre-feet below the flood pool. Current Inflows are around 40,000 CFS. Total current release is around 3,400 CFS. The morning forecast calls for New Bullards Bar inflows to peak around 131,000 CFS by 8 AM and then decrease to around 19,000 CFS by the end of the forecast on February 21 at 9 AM.