



Matthew Meadows, *Assistant Watermaster*

**The Army Corps of Engineers is increasing flood targets today Saturday, March 18, 2023, at 1200 hours (noon). The target flow at Crescent Weir will be increased from 4,500 cfs to 4,750 cfs, but will not likely result in significant changes in Pine Flat releases. Currently the target at Crescent weir is being satisfied.**

**Starting Monday March 20, 2023: Releases from Pine Flat WILL BE INCREASED to include flood release into the South Fork.**

**Current Pine Flat outflow and unimpaired flow into the Kings River are approximately 6,800-7,000 range. The initial Army Corps of Engineers target in the South Fork will be 1,500 cfs. This will result in orders from Pine Flat being in the 8,500-9,000 cfs range. The increases will be made in 500 cfs increments daily at 0500 hours until the target outflow is met. Expected flow in the South Fork will be approximately 1,500 cfs by Friday March 24th.**

**ESTIMATED flows in various portions of the river after the above increases occur:**

**PF Release: 8,500-9,000 cfs by Wednesday to Thursday timeframe**

**Reedley Narrows to Highway 99: 7,500-8,000 cfs by Wednesday to Thursday timeframe**

**South Fork: 1,500 cfs by Thursday to Friday timeframe**

**North Fork: 4,750 cfs current flow**

**Releases will continue to be adjusted accordingly to meet irrigation orders, local creeks entering below Pine Flat and changing conditions.**

All data is provisional and subject to revision.

We will circulate updates as conditions change.

**Status of flows below Pine Flat Dam as of 0700 March, 18 2023.**

9,000 cfs (estimated) Pre Project Piedra (Full natural flow at Piedra, 3 miles downstream of Pine Flat Dam. Includes Mill and Hughes Creek flows)

6,950 cfs Total Order at Pine Flat. (Order includes flood release, local demands and estimated channel losses)

6,230 cfs Pine Flat Reservoir Release

760 cfs Mill and Hughes Creeks (Unobstructed gauge several miles below Pine Flat Reservoir)

5,900 cfs flow at Reedley Narrows (approximately three miles upstream of the City of Reedley, Capacity per ACOE Reservoir Control Manual 13,000 cfs)

5,200 cfs flow Below Peoples Weir (approximately one mile downstream of Highway 99, Capacity per ACOE Reservoir Control Manual 11,000 cfs)

22 cfs, South Fork of Kings River, release below Army Weir

4,700 cfs flow below Crescent Weir, for 4,500 cfs North Fork of Kings River, target flood release below Crescent Weir (approximately three miles downstream of Highway 41)

### **Status of Pine Flat as of 2400 hours March 17, 2023**

772,681 acre-feet Pine Flat storage (Capacity 1,000,000 acre-feet)

74,439 acre-feet Upstream storage (Capacity 251,900 acre-feet)

404,780 acre-feet vacant storage space on the Kings River system

#### **Matthew Meadows**

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