



Report provided by:  
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**Small reductions in Pine Flat outflow will continue today, May 10, 2023. The South Fork Kings River flood release target is being reduced by up to 100 cfs per day until the Pine Flat order is no less than 12,800 cfs. Currently Pine Flat order is 12,900 cfs.**

**The target flood release in the North Fork below Crescent Weir will remain at 4,750 cfs. The current target flood release in the South Fork is 2,015 cfs at Pine Flat this morning. Changes in the South Fork target will be kept at 100 cfs or less per day to minimize impacts in the system. Those changes to the South Fork Target take 24-48 hours to arrive at the Army Weir from Pine Flat.**

**We are expecting irrigation demand to fluctuate in the short-term and expect to be at the target Pine Flat order, 12,800 cfs, by Thursday May 11<sup>th</sup>.**

**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 May 10, 2023.**

7,500 cfs (estimated) Pre Project Piedra (Full natural flow at Piedra, 3 miles downstream of Pine Flat Dam. Includes Mill and Hughes Creek flows)

12,900 cfs Total Order at Pine Flat. (Order includes flood release, local demands and estimated channel losses)

12,840 cfs Pine Flat Reservoir Release

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

9,480 cfs flow at Reedley Narrows (approximately three miles upstream of the City of Reedley, Capacity per ACOE Reservoir Control Manual 13,000 cfs)

9,460 cfs flow Below Peoples Weir (approximately one mile downstream of Highway 99, Capacity per ACOE Reservoir Control Manual 11,000 cfs)

1,500 cfs, South Fork of Kings River, release below Army Weir

610 cfs, Crescent Bypass, water diverted from the North Fork to the South Fork

4,880 cfs flow below Crescent Weir, 4750 cfs target flood release below Crescent Weir (approximately three miles downstream of Highway 41)

**Status of Pine Flat as of 2400 hours May 9, 2023**

357,981 acre-feet Pine Flat storage (Capacity 1,000,000 acre-feet)

103,004 acre-feet Upstream storage (Capacity 251,900 acre-feet)

790,915 acre-feet vacant storage space on the Kings River system

**Matthew Meadows, Assistant Watermaster**

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