



Report provided by:
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Effective immediately, May 26, 2023, the flood release targets from Pine Flat are being reduced by 200 cfs. Currently Pine Flat order is 12,800 cfs. After the reduction, this afternoon the Pine Flat order will be no less than 12,600 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 1,320 cfs and the change at Pine Flat this afternoon will reduce this target to 1,120 cfs. The changes to the South Fork target take 24-48 hours to arrive at the Army Weir from Pine Flat. Changes in the South Fork target will be made daily to as needed to maintain the minimum order at Pine Flat.

We are expecting irrigation demand to fluctuate in the short-term maintaining the target Pine Flat order, approximately 12,600 cfs, through the weekend and early next week.

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 26, 2023.

19,000 cfs (estimated) Pre Project Piedra (Full natural flow at Piedra, 3 miles downstream of Pine Flat Dam. Includes Mill and Hughes Creek flows)

12,800 cfs Total Order at Pine Flat. (Order includes flood release, local demands and estimated channel losses)

12,770 cfs Pine Flat Reservoir Release

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

9,040 cfs flow at Reedley Narrows (approximately three miles upstream of the City of Reedley, Capacity per ACOE Reservoir Control Manual 13,000 cfs)

8,490 cfs flow Below Peoples Weir (approximately one mile downstream of Highway 99, Capacity per ACOE Reservoir Control Manual 11,000 cfs)

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

460 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 25, 2023

448,054 acre-feet Pine Flat storage (Capacity 1,000,000 acre-feet)

164,454 acre-feet Upstream storage (Capacity 251,900 acre-feet)

639,392 acre-feet vacant storage space on the Kings River system

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