



Report provided by:

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The Army Corps of Engineers is increasing flood targets Sunday, March 26, 2023, at 0400 hours. The target flow at Crescent Weir will remain at 4,750 cfs and the target into the South Fork at Army Weir will be increasing from 1,500 cfs to 1,600 cfs. The additional release needed to meet that target will be released from Pine Flat at 0400 hours on Sunday. The increase will take approximately 24-28 hours to move through the system. This will result in orders from Pine Flat being in the 9,200-9,500 cfs range.

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, 25 2023.

5,500 cfs (estimated) Pre Project Piedra (Full natural flow at Piedra, 3 miles downstream of Pine Flat Dam. Includes Mill and Hughes Creek flows)

9,010 cfs Total Order at Pine Flat. (Order includes flood release, local demands and estimated channel losses)

8,430 cfs Pine Flat Reservoir Release

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

7,730 cfs flow at Reedley Narrows (approximately three miles upstream of the City of Reedley, Capacity per ACOE Reservoir Control Manual 13,000 cfs)

6,640 cfs flow Below Peoples Weir (approximately one mile downstream of Highway 99, Capacity per ACOE Reservoir Control Manual 11,000 cfs)

1,260 cfs, South Fork of Kings River, release below Army Weir

4,600 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 24, 2023

774,576 acre-feet Pine Flat storage (Capacity 1,000,000 acre-feet)

67,917 acre-feet Upstream storage (Capacity 251,900 acre-feet)

409,407 acre-feet vacant storage space on the Kings River system

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