



Report provided by:  
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**Effective immediately, July 17, 2023, the Army Corps of Engineers flood release target from Pine Flat is being reduced by approximately 500 cfs at 24:00 hours. The target flow at Crescent Weir will be no less than 200 cfs. Pine Flat release will likely be between 7,500 to 8,000 cfs range through the week. This morning the Pine Flat order was 8,500 cfs.**

**When the decreases move through the river system, no water beyond irrigation demand from Kings River member units will be available and the end of the river will be James Weir. Water in the North Fork will only be sufficient to meet irrigation demands of Kings River member units James and Tranquillity Irrigation District's.**

**The target flood release in the South Fork Kings River remains at zero, only irrigation orders are being diverted into the South Fork at Army Weir.**

**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 July 17, 2023.**

12,500 cfs (estimated) Pre Project Piedra (Full natural flow at Piedra, 3 miles downstream of Pine Flat Dam. Includes Mill and Hughes Creek flows)

8,500 cfs Total Order at Pine Flat. (Order includes flood release, local demands and estimated channel losses)

8,510 cfs Pine Flat Reservoir Release

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

4,480 cfs flow at Reedley Narrows (approximately three miles upstream of the City of Reedley, Capacity per ACOE Reservoir Control Manual 13,000 cfs)

4,270 cfs flow Below Peoples Weir (approximately one mile downstream of Highway 99, Capacity per ACOE Reservoir Control Manual 11,000 cfs)

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

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

2,170 cfs flow below Crescent Weir, 1400 cfs target flood release below Crescent Weir (approximately three miles downstream of Highway 41)

**Status of Pine Flat as of 2400 hours July 16, 2023**

948,079 acre-feet Pine Flat storage (Capacity 1,000,000 acre-feet)

234,070 acre-feet Upstream storage (Capacity 251,900 acre-feet)

69,751 acre-feet vacant storage space on the Kings River system

**Matthew Meadows**

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