

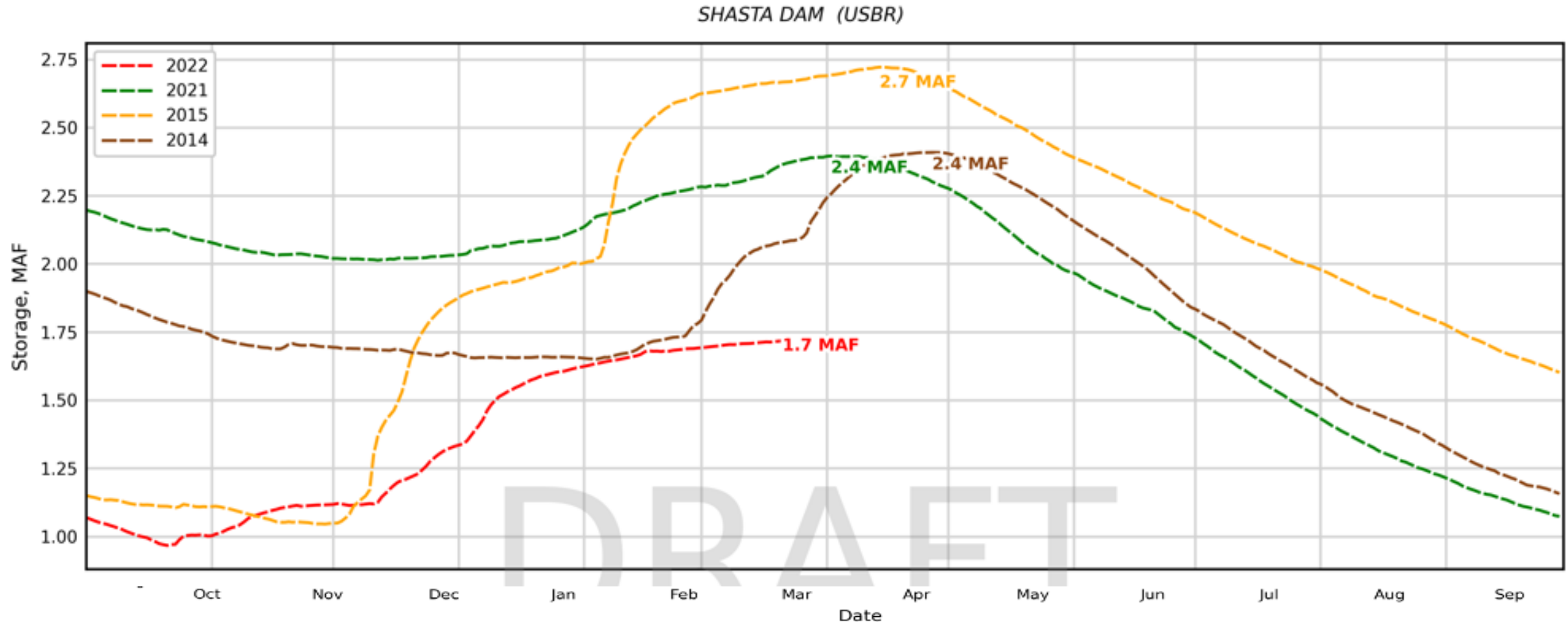
GCID



GLENN-COLUSA IRRIGATION DISTRICT

Glenn County Drought Taskforce Meeting
May 12, 2022

Shasta Storage: 2014 · 2015 · 2021 · 2022



SACRAMENTO RIVER OPERATIONS

Decision Framework

- Sacramento River Settlement Contractors and EPA Secretary convened leadership group to expedite 2022 operational/water decisions
- In parallel, Judge adopted State/Federal Interim Operations Plan, which included:
 - Unachievable temp/carryover storage targets, due to extreme drought conditions
 - Approval of Plan required by National Marine Fishery Service and State Water Resources Control Board
- Group narrowed feasible alternatives focused on winter run salmon survival but considered other beneficial needs including agriculture and economic impacts
- May 6, 2022, SWRCB conditionally approves USBR's Temperature Management Plan

March 29 Agreement

- May-August Shasta Releases average of 4,500 cfs (6,800 cfs previous low)
- Results in 148,500 AF Total Supply for GCID
- Wilkins Slough Target 3,250 cfs (lowest target used)

OUTCOMES

- Likely enough water to irrigate SRSC permanent crops with minimal acreage of other crops
- Fallowing of ~375,000 acres of 450,000 acres in SRSC service area
- ~50% Temperature Dependent Mortality for Winter Run Salmon
- Protects Livingston-Stone hatchery with 10-degree cooling capacity
- Allows for in-basin water transfers
- Sacramento River communities only guaranteed water for “health and human safety”

Proposed SRSC Mitigation

- State PPP Style Community Relief
- Federal Drought Funding to SRSC Agencies
- Community Water Supply Funding
- Enforcement of Water Right System
- Expedite Recharge Efforts (GSA) – winter water rights and funding support
- Funding to Jump Start Salmon Recovery

GCID WATER SUPPLY 2022

Available Allocations

- Total Supply Available = 148,500 AF
- Less Conveyance Losses – 85,000 AF
 - Direct to Groundwater Recharge
- Supply Available to Landowners = 63,500 AF
- Divided by 154,000 assessed acres = .40 AF/acre

-- Allocation by Crop Type --			
Crop Type	Approx. Irrigated Acres	Approx. Deeded Acres	Allocation (AF)
Permanent Crops	24,000	29,102	12,000
Annual Crops	103,000	124,898	51,500
Total	127,000	154,000	63,500

GCID WATER SUPPLY 2022

Allocation Options

- Don't purchase the allocation
- Purchase allocation, use on your own land as designated in your water application
- Assign your allocation to another water user within the District, using the District Assignment Form
- Identify on allocation form your interest in selling your allocation to the District Supplemental Pool

DISTRICT OPERATIONS

- Shasta Critical Year Conservation Policy
- Special 2022 Conditions
- Strict enforcement and fine structures
- Allowing Reduced Crop unit duty for Frost Damaged Orchards
- Water deliveries terminated for duration of season once unit duty is met
- Approximately 1,150 acres of rice planted with District surface water, down from 90,000 – 100,000 acres traditionally
- Approximately 20,000 acres of permanent crops receiving District surface water (Almonds, Walnuts, Pasture, Olives etc.)

