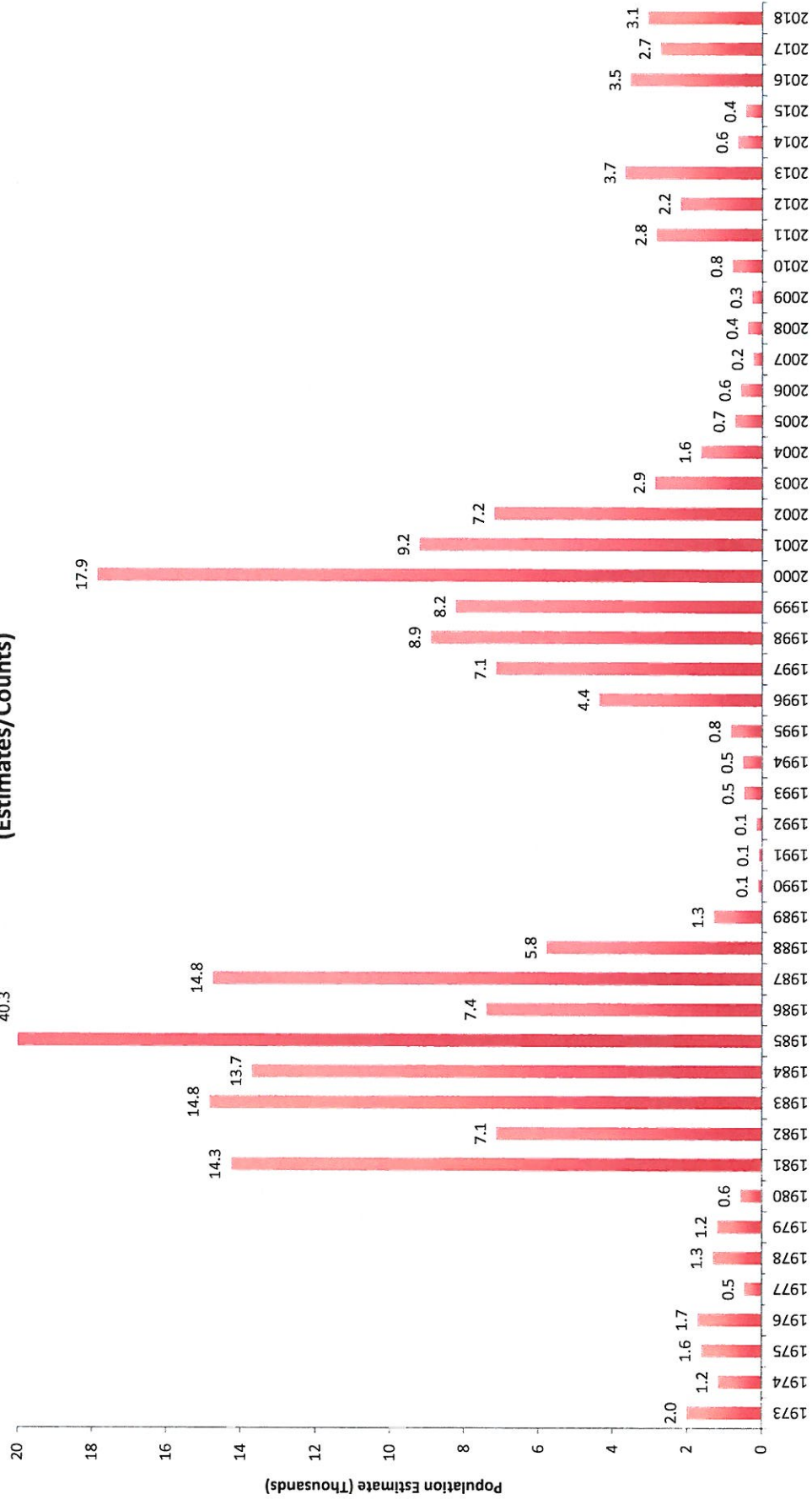
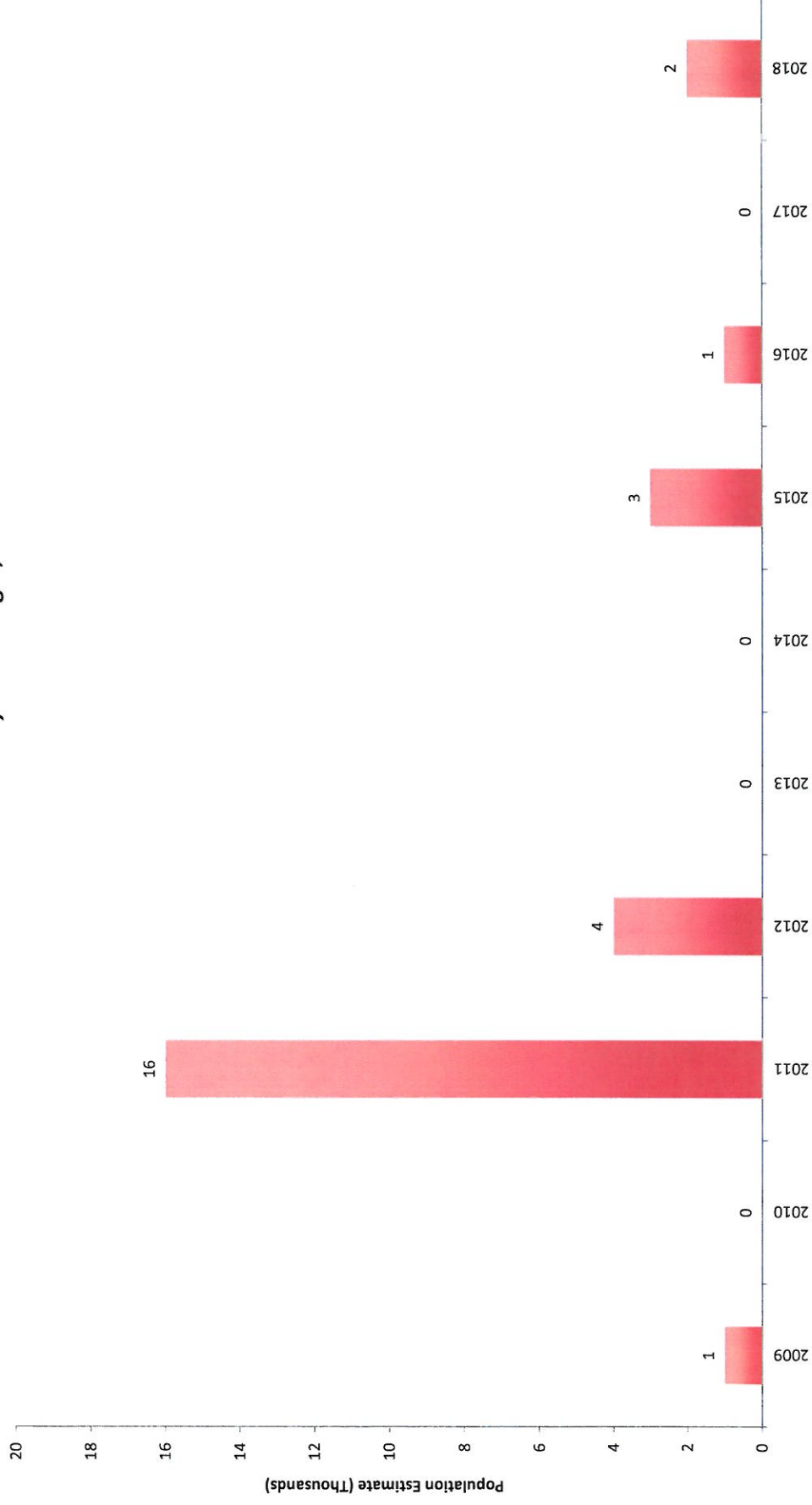


Tuolumne River Salmon Run (Estimates/Counts)



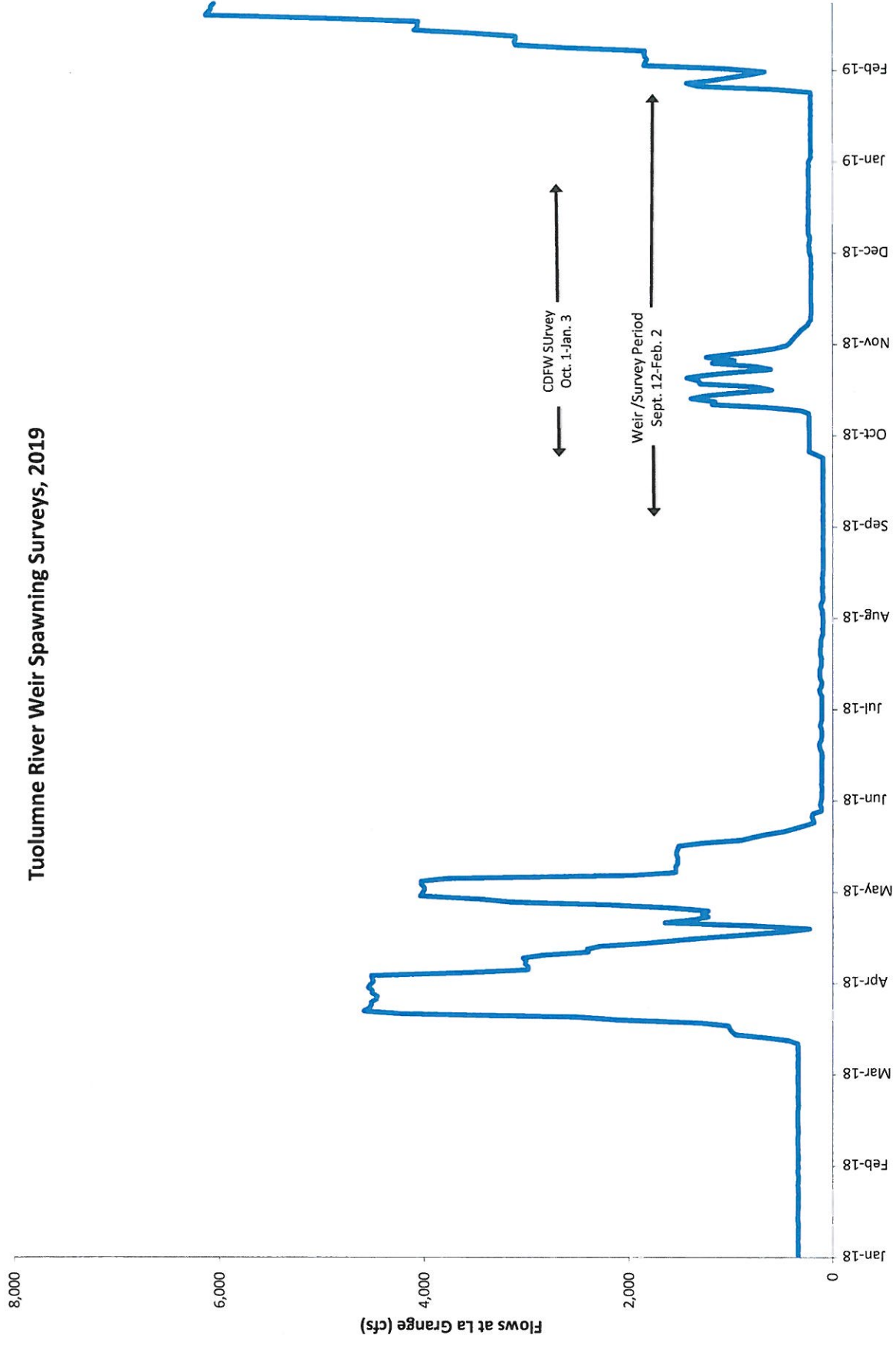
Years 2009-2018 are based on counting weir results from September 1 through December 31. All previous years are from CDFW carcass surveys. Survey periods may vary for both periods.

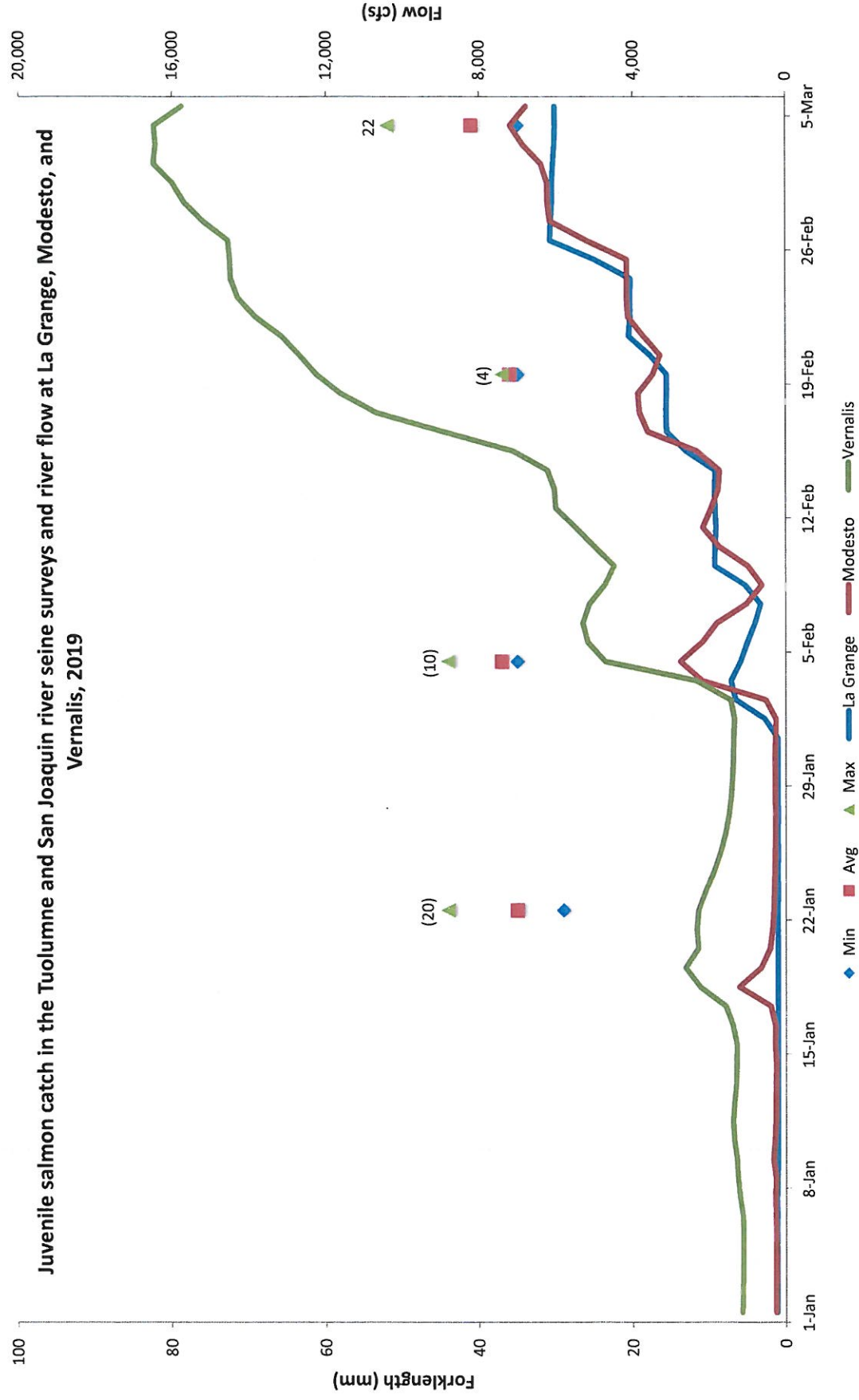
Tuolumne River Weir *O. mykiss* Passages, 2009-2018



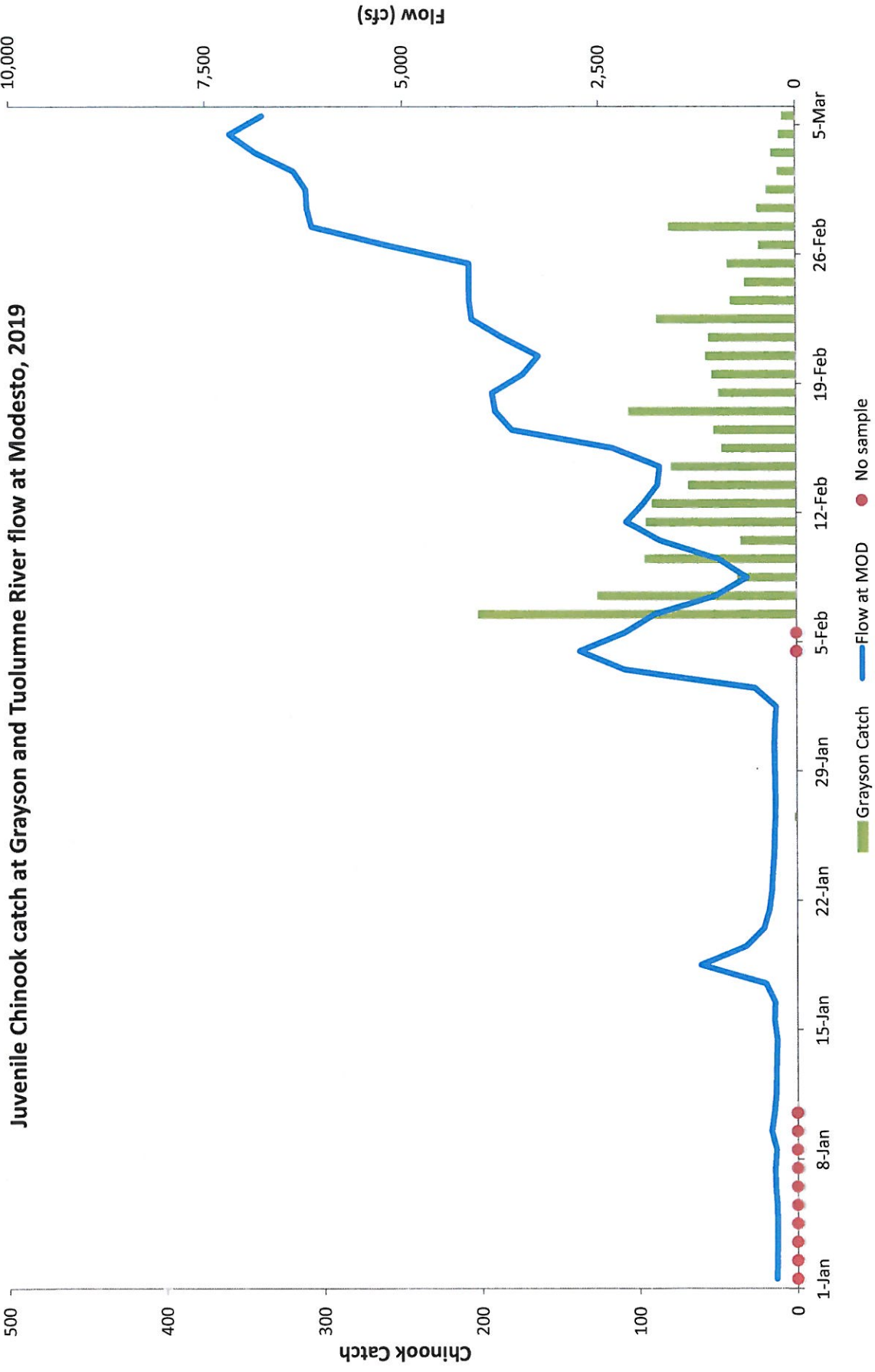
Years 2009-2018 are based on counting weir results from September 1 through December 31. All previous years are from CDFW carcass surveys. Survey periods may vary for both periods.

Tuolumne River Weir Spawning Surveys, 2019



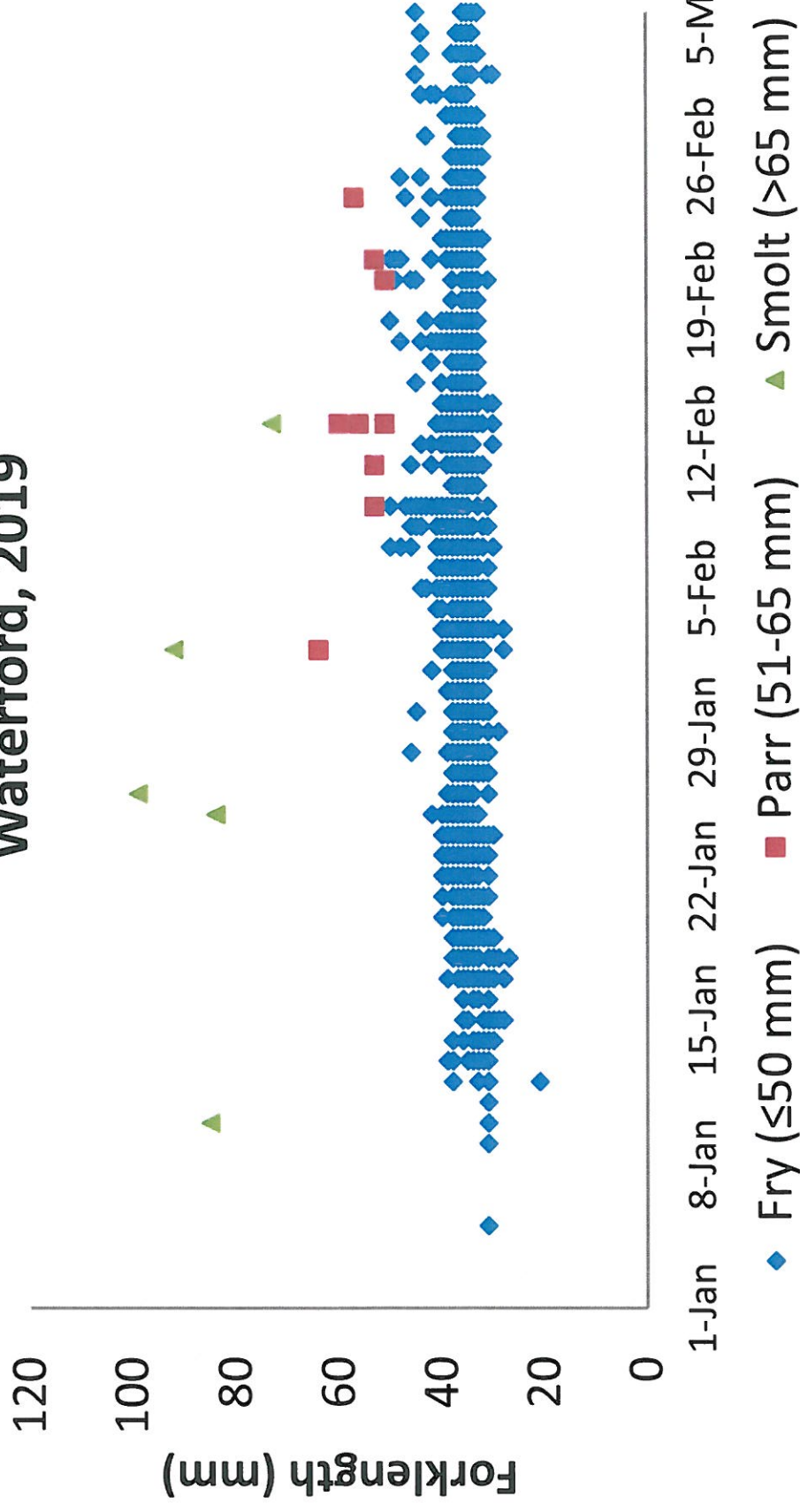


*Number in parenthesis is total catch for survey date.

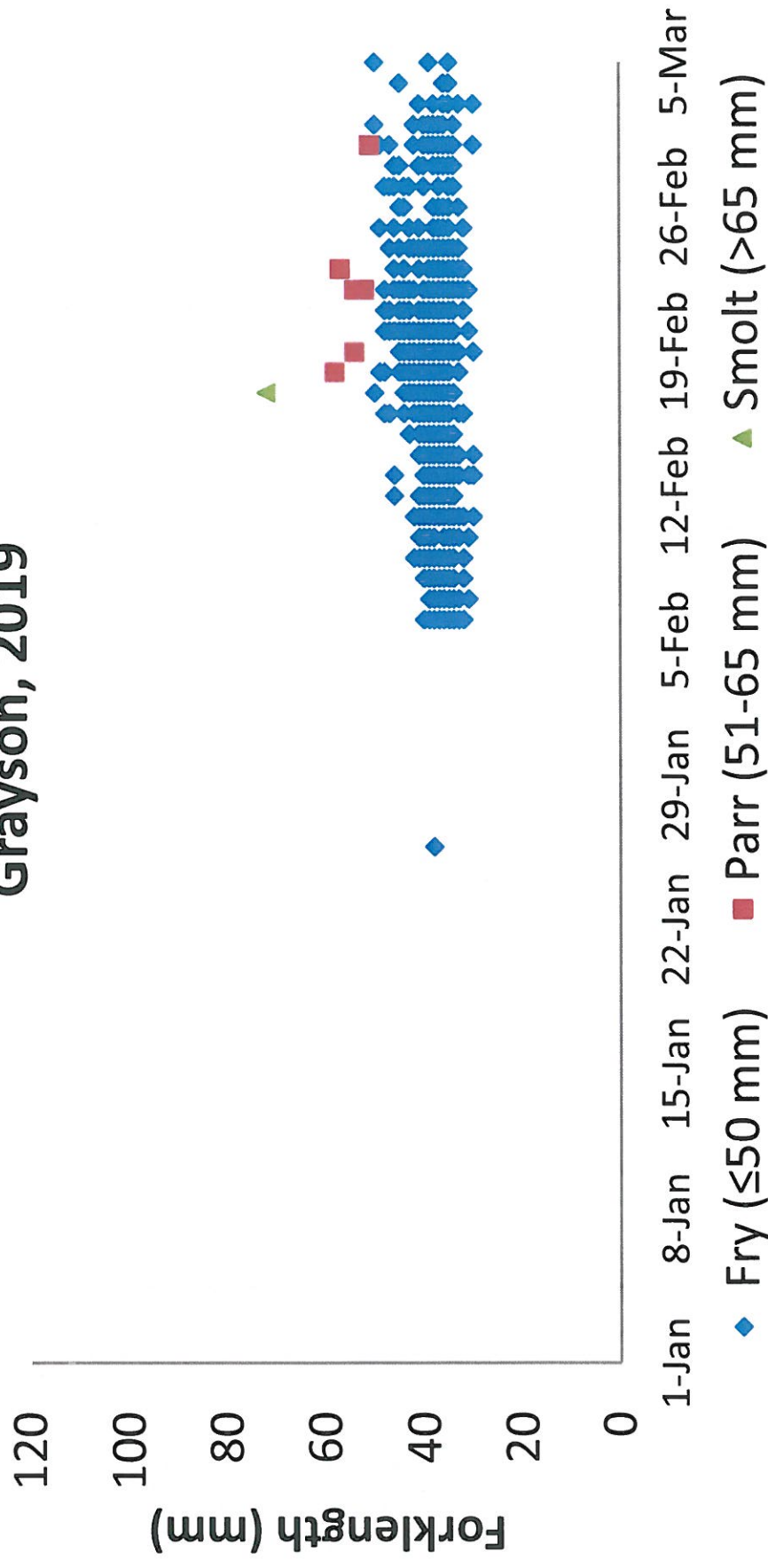


*Total catch = 1,642, as of March 5, 2019.

Individual forklengths of Chinook captured at Waterford, 2019



Individual forklengths of Chinook captured at Grayson, 2019



See below for updates regarding the 2018 Annual Report to FERC agenda item.

- Work on producing the Summary Report along with the Attachments and Exhibits is progressing and will be completed over the next two weeks in time for a submittal date of Thursday, March 28th or Friday, March 29th.
- The Spawning Summary and Snorkel Survey reports are final.
- The reports from FishBio (Seine, RST, Weir) are still pending.
- The precipitation/snow data request from TID is still pending.

DON PEDRO / TUOLUMNE RIVER WATERSHED

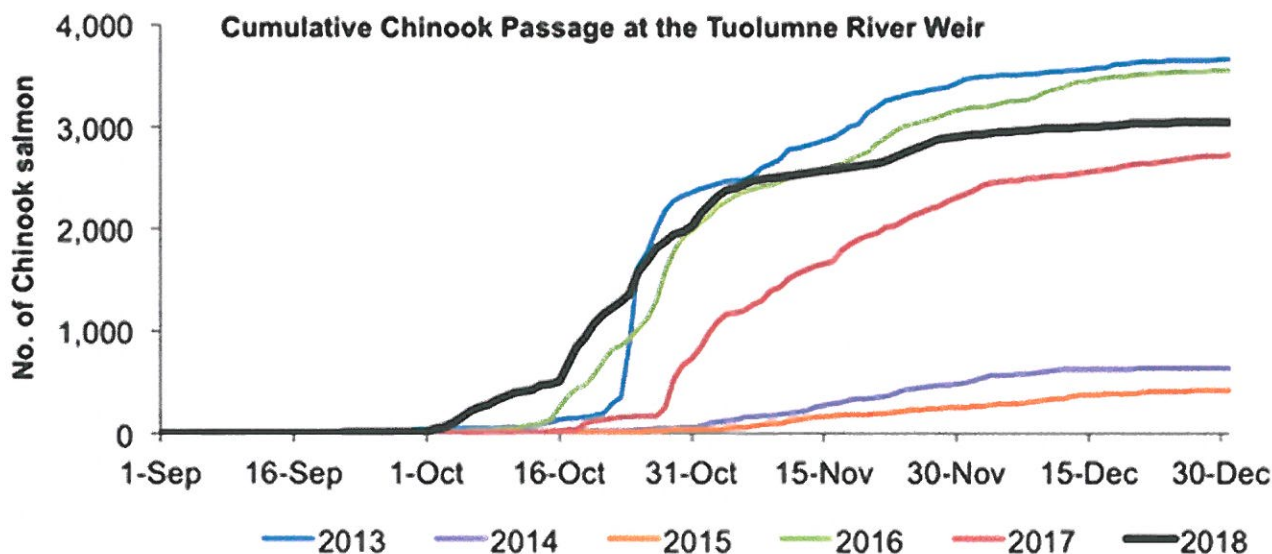
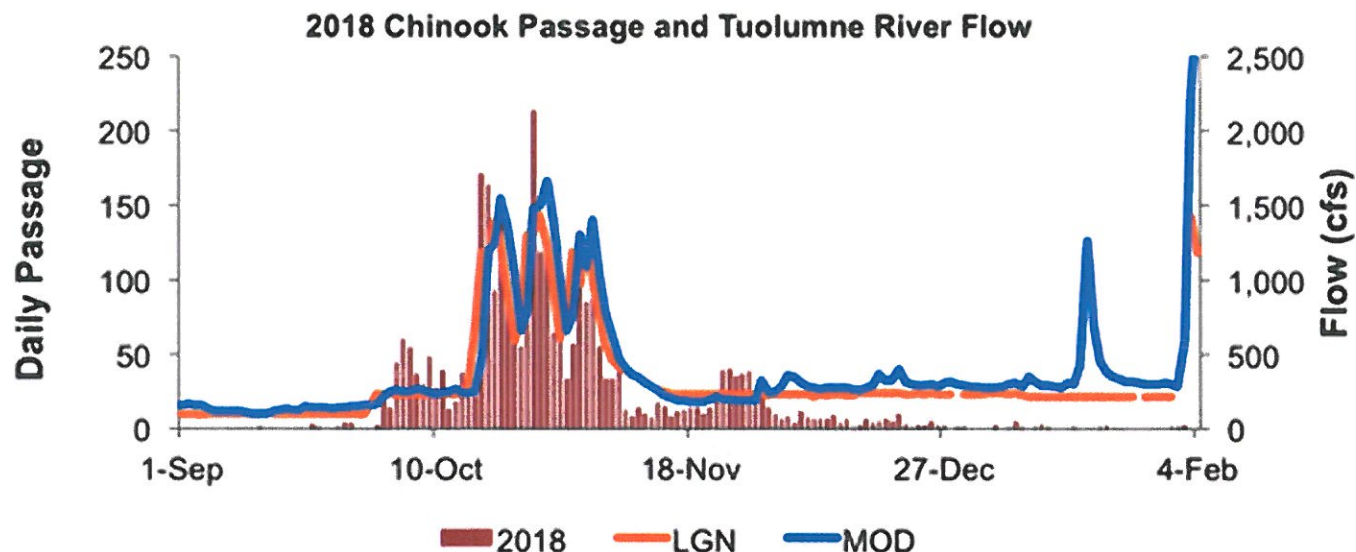
	3/6/2019 Wednesday	3/5/2019 Tuesday	3/4/2019 Monday	3/3/2019 Sunday	3/2/2019 Saturday	3/1/2019 Friday	2/28/2019 Thursday
* Computed Natural Flow (cfs)	12,290	7,359	9,980	10,450	9,557	4,557	4,344
Don Pedro							
Elevation (Feet) ^{*(Max = 830.0, Min = 600.0)}	802.3	801.0	800.6	800.2	799.5	798.9	799.2
Storage (AF) ^{*(Max = 2,030,000 Min=309,000)}	1,694,797	1,680,181	1,675,703	1,671,234	1,663,409	1,656,746	1,660,075
Gain/(-Loss) (AF)	14,616	4,478	4,469	7,825	6,663	-3,329	-3,334
** Avg. Inflow (cfs)	12,897	8,337	8,325	10,038	9,474	4,450	4,443
Avg. Flows at La Grange							
TID Canal (cfs) ^{*(Max = 2500)}	27	1	1	1	1	1	1
MID Canal (cfs) ^{*(Max = 1500)}	6	0	0	0	0	0	0
River (cfs) ^{*(Max = 9000)}	5,494	6,077	6,070	6,092	6,113	6,127	6,123
Total (cfs)	5,528	6,079	6,071	6,093	6,115	6,129	6,124
Hetch Hetchy Reservoir							
Elevation (Feet) ^{*(Max = 3806, Min = 3520)}	3,773.8	3,774.2	3,774.6	3,773.2	3,773.3	3,773.2	3,773.1
Storage (AF) ^{*(Max = 360,360, Min=410)}	298,840	299,580	300,320	297,730	297,915	297,730	297,546
Gain/(-Loss) (AF)	-740	-740	2,590	-185	185	185	0
Avg. Release (cfs)	1,456	1,167	647	613	523	522	657
** Avg. Inflow (cfs)	1,083	794	1,953	520	616	615	657
Cherry Valley Reservoir							
Elevation (Feet) ^{*(Max = 4700 Min = 4440)}	4,667.3	4,667.6	4,668.3	4,668.1	4,667.5	4,667.1	4,666.6
Storage (AF) ^{*(Max = 270,270 Min=0)}	212,977	213,465	214,604	214,279	213,302	212,651	211,838
Gain/(-Loss) (AF)	-488	-1,139	325	977	651	813	651
Avg. Release (cfs)	900	750	569	446	242	243	556
** Avg. Inflow (cfs)	654	176	733	939	570	653	884
Lake Eleanor Reservoir							
Elevation (Feet) ^{*(Max = 4600.0 Min = 4620.0)}	4,649.7	4,649.7	4,649.8	4,649.4	4,649.4	4,650.2	4,651.1
Storage (AF) ^{*(Max = 27,016 Min=0)}	16,726	16,726	16,812	16,468	16,468	17,164	17,976
Gain/(-Loss) (AF)	0	-86	344	0	-696	-812	-812
Avg. Release (cfs)	236	640	637	638	635	640	649
** Avg. Inflow (cfs)	236	597	810	638	284	231	240
Avg. Div. to S.F. Pipeline (mgd) ^{*(Max = 300)}	0	0	0	0	0	0	0
Rain Fall (Inches)							
Hetch Hetchy	0.68	0.00	0.08	0.79	0.64	0.05	0.16
Cherry Valley	0.84	0.00	0.43	1.33	0.75	0.33	0.45
Moccasin	0.31	0.00	0.18	0.68	0.65	0.05	0.03
Sonora	0.54	0.00	0.18	2.32	0.44	0.06	0.25
Yosemite	0.93	0.00	0.05	1.19	0.37	0.01	0.09
Don Pedro	0.00	0.00	0.00	0.00	0.00	0.00	0.00

* Computed Natural Flow is a calculated value representing what the flow in the river at La Grange would be without human diversion, storage, or release. Due to the nature of the calculation, this value may be negative.

** Inflow is a calculated value representing the flow of water into a reservoir. Inflow to a reservoir is not necessarily equal to the Computed Natural Flow. Due to the nature of the calculation, this value may be negative.

Note: cfs is a rate of flow in cubic feet per second; a flow of 1 cfs over a 24-hour period (cfs/day) = 1.98 acre-feet (AF); mgd is a rate of flow in million gallons per day (megagallons per day); a flow rate of 1 mgd = 1.55 cfs; a flow of 1 mgd over a 24-hour period = 3.1 AF.

Sampling at the Tuolumne River weir has concluded for the season due to high river flows. Total passage for the 2018 season was 3,072 Chinook salmon.



FISHBIO

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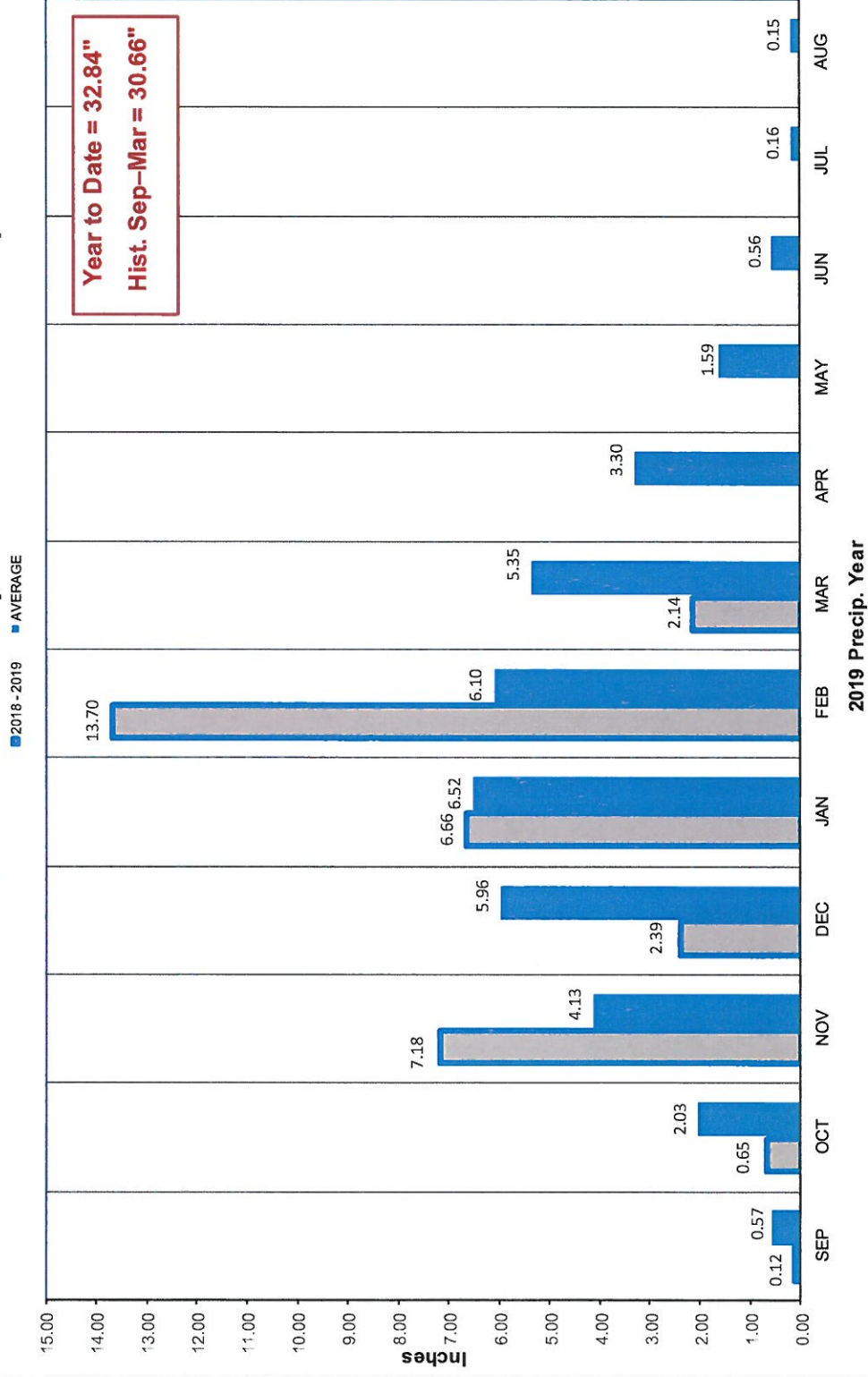
Data Disclaimer: The data provided by [FISHBIO](http://www.fishbio.com) are courtesy of Stockton East Water District (SEWD), Tri-dam Project (TDP), Oakdale Irrigation District (OID), South San Joaquin Irrigation District (SSJID), Turlock Irrigation District (TID), Modesto Irrigation District (MID) and U.S. Fish and Wildlife Service (USFWS). Data are intended to be current, but are preliminary and are not guaranteed to be accurate. Source data are compiled and provided by FISHBIO, from whom [further information](#) can be obtained. Use or reproduction of this data is prohibited without prior permission. If you wish to be removed from the email, reply "[unsubscribe](#)."

WEEKLY WATERSHED STATUS REPORT				
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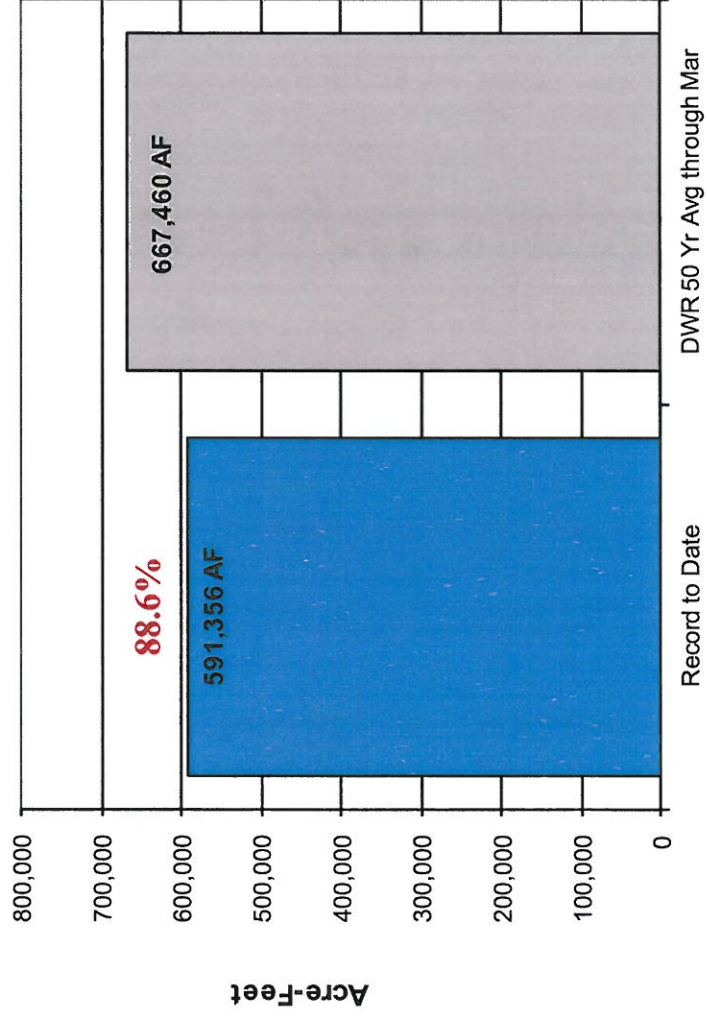
3/3/2019

	This Week	Week Ago	Last Year
	-	-	-
Don Pedro Reservoir Elevation:	800.2	800.5	800.1
Don Pedro Reservoir Storage:	1,671,234	1,674,585	1,670,118
Storage in Acre Feet:			
Don Pedro (TID Net)	932,585	934,879	931,821
Don Pedro (MID Net)	429,649	430,706	429,297
Turlock Lake	24,454	24,829	29,804
Total TID	957,039	959,709	961,625
Hetch Hetchy Reservoir	297,730	296,808	288,363
Cherry Valley Reservoir	214,279	214,279	49,037
Lake Eleanor Reservoir	16,468	20,412	9,264

Tuolumne River Watershed Monthly Accumulation of Precipitation

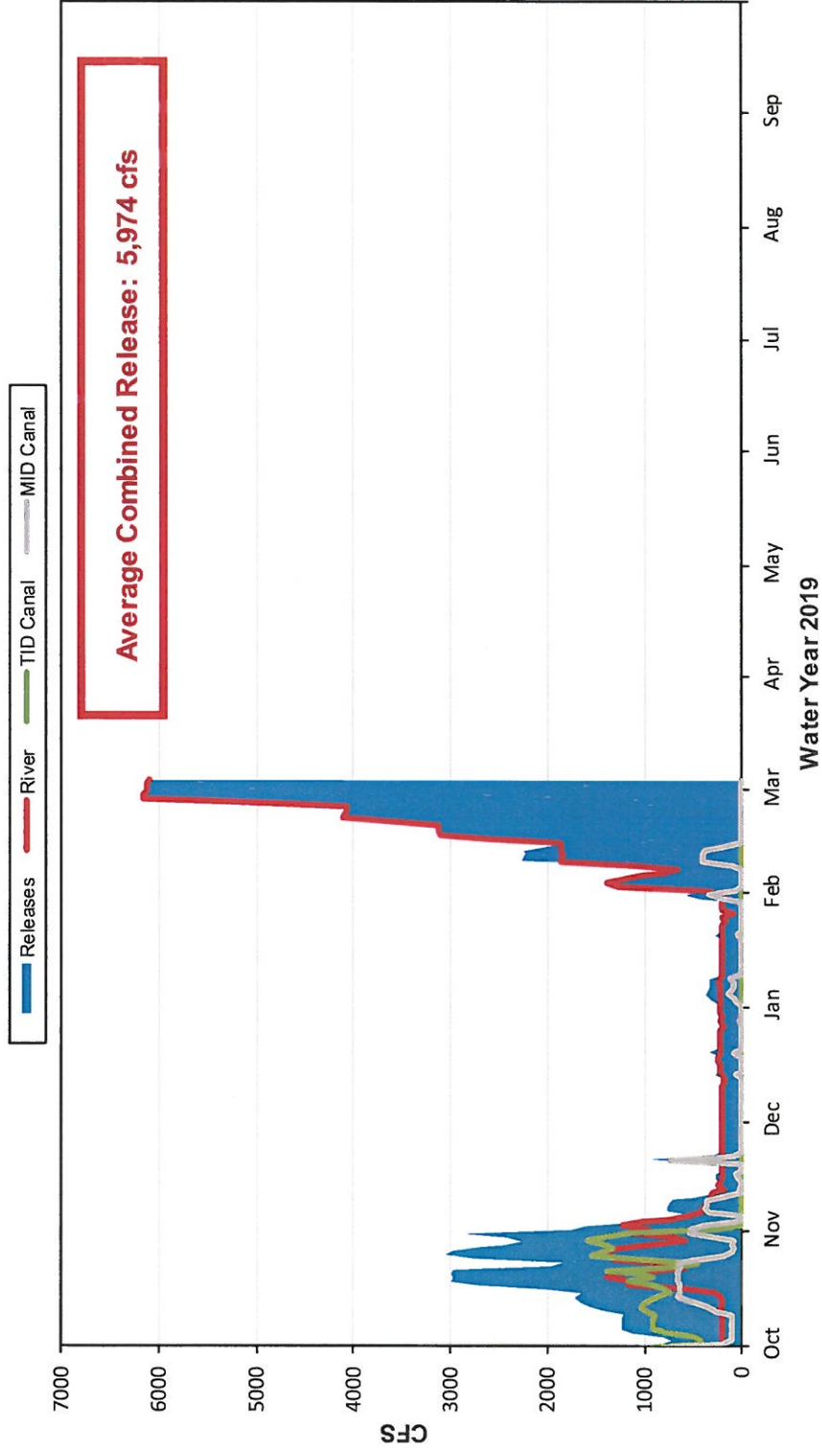


WY2019 Computed Natural Flow to Date

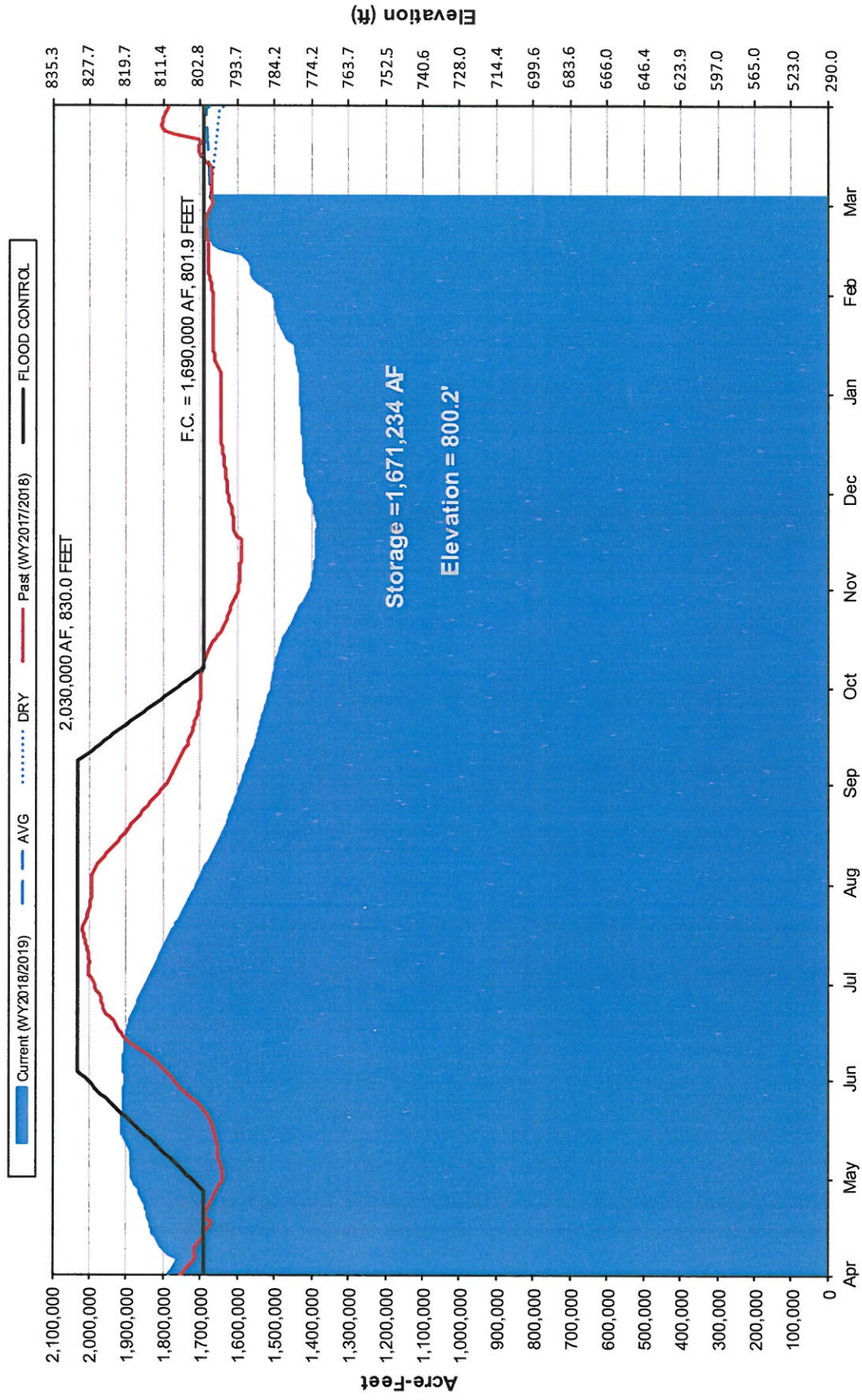


[illegible]

Don Pedro Releases



DON PEDRO STORAGE



Patrick E. Maloney

From: Jason S. Hicks
Sent: Wednesday, March 06, 2019 5:50 PM
To: Dave Funk; DOCStatus; Jeff Fairbanks; John Davids (john.davids@mid.org); Melissa.Williams@mid.org; Michelle Kincanon (Michelle.Kincanon@mid.org); PE Gordon; Enas (Gordon.Enas@mid.org); Robert Madrid (Robert.Madrid@mid.org); Samantha Wookey (Samantha.Wookey@mid.org); toxie.burris@mid.org
Subject: Daily Status Update 3-6-2019 1743hrs

Good Evening Folks-

Current Conditions:

- Due to the wet rain cell that passed over Dry Creek watershed today, we are currently observing a small pulse in flows on the Dry Creek Watershed. The gauges are showing flows upwards of 4600cfs in the upper Dry Creek watershed. According to DWR this will attenuate down to between 2000-2500cfs (approx.) at Clause Rd in approximately 22-24hrs.
- At this time TID is also lowering reservoir releases to 3800cfs to accommodate the pulse that is occurring on Dry Creek at Crab Tree.
- Once the pulse flows pass through tomorrow, TID will reevaluate lake levels, incoming flows and determine what changes (if any) to outflows may need to be made.
- We will provide an update once the pulse flows have passed, or should flows change significantly in the next 24-36 hours.

Questions, comments or concerns please contact Calvin (x8213) or Myself (x8359).

Thanks and have a nice evening.

Jason S. Hicks, CAFM

Manager of Security & Emergency Preparedness
Turlock Irrigation District
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