

**Summary of Flip Chart Notes  
November 12 ,1997 Meeting  
of the  
Interagency Development Team**

I.F. Size

Considerations:

Tradeoffs between water supply and reliability, water quality and fish impacts

- 2200 cfs to ag along route of I.F.
  - cost
  - seepage
  - assurance of remaining connected to I.F.
- CUWA/Ag starting 7,500 cfs.
  - 25% Sac. R. Flow is maximum allowable diversion
- 15,000 cfs is full SWP/CVP capacity
- Start at 10,000 cfs for I.F. w/o feed to South Delta agriculture

Storage

Minimum

- ERPP
- ERPP + water users "whole"
- Additional curtailments for fisheries purposes

ERPP + additional curtailment

- Will achieve water supply benefits up to the full 6.5 . There is no break point in the benefit/cost or benefit/yield curves
- Maybe as a minimum:
  - Proposed ops criteria (IDT)
  - Add storage to make water suppliers "whole" as defined by No Action
- Maybe as a minimum
  - Proposed criteria (IDT)
  - ERPP flows

(Note: can achieve ERPP flows through both storage and transfers - need to make the distinction.)

## Objectives

-ERPP + water users "whole"  
Any local water supply needs  
"Whole" means water supply at the same level as No Action  
Should minimum include flood control storage?

- How big must new storage be to meet full ERPP flows and operate for that purpose?

### Maximum

- It may be an iterative process between operation criteria (standards) vs. Amount of storage

## Through Delta Alternative 3

- Screened diversion on Sacramento River and channel to Mokelumne River is not in Alt 3.
- Alt 2 has conveyance improvements in main channel
- Alt 3 does not have improved main channel conveyance
- Levee setbacks only shown on Alt 2.
- Desirable to supply South Delta ag from canal if feasible.

## Operations

Apr 15 - May 15

Model uses info from draft CVPIA PEIS for all alternatives  
(may have to alter in future for final EIS numbers)

Where to the ERPP flows come from?

Project flows?\

Model runs

1.0 Sac Valley storage

0.25 S.J. Valley storage

### Maximum:

250 TAF Sac Valley G.W.

500 TAF S.J. Valley G.W.\

3.0 Sac Valley Surface

500 TAF S.J. Valley Surface

2.0 South of Delta Off-aqueduct

200 TAF in-Delta or near-Delta

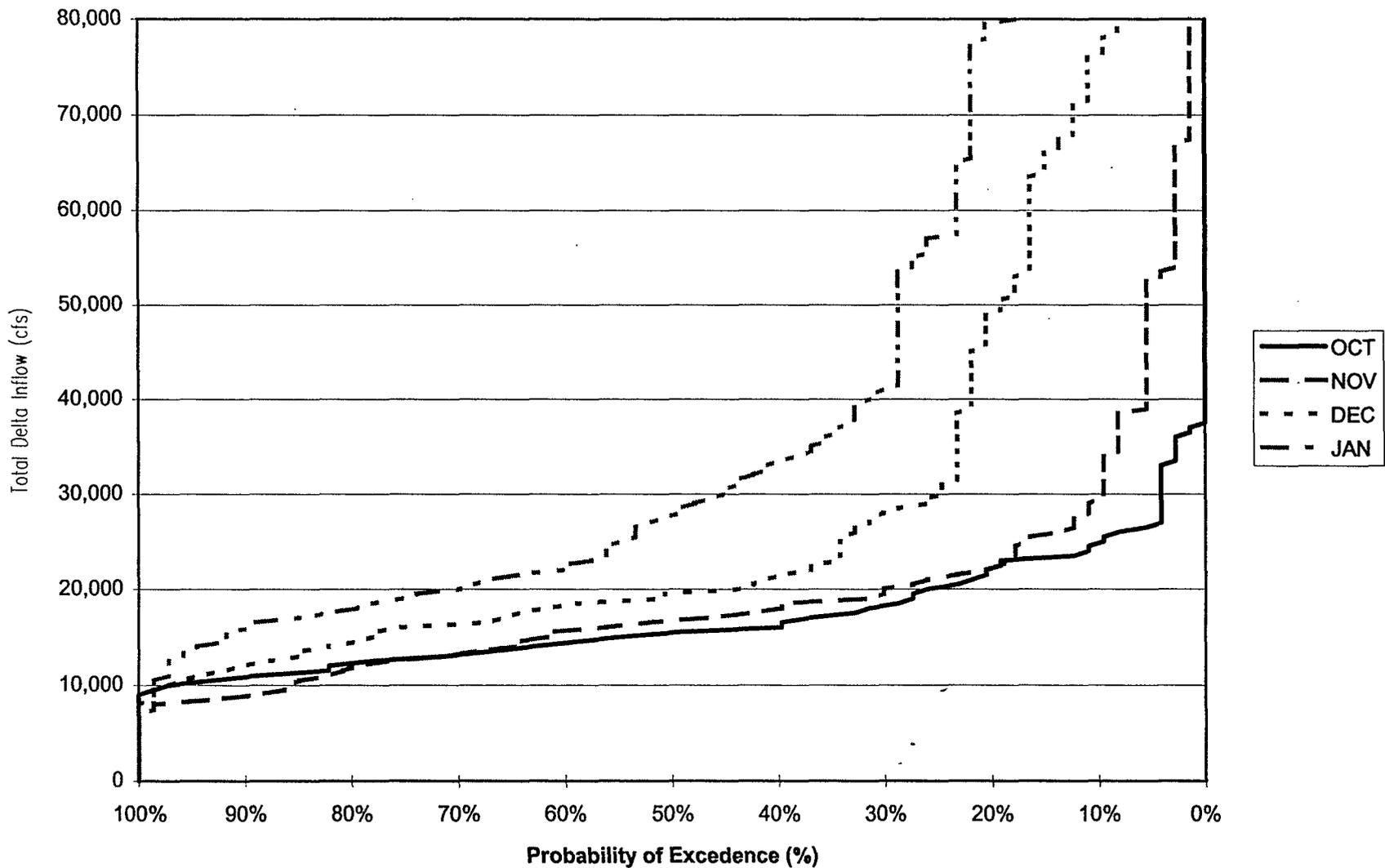
1112IDT2

Strawman Operations for IDT Alternatives 1, 2, and 3												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>No Action</b>	65	65	65	65	45-35	35	35	35	35	65	65	65
					45% 8RI<1 MAF 35 % 8RI>1.5 MAF		April 15-May 15 exports limited to 1,500 cfs or 100% of San Joaquin River flow					
<b>Alt 1</b>	65	65-35	65-35	65-35	25	25	25	25	25	65	65	65
Total allowable exports of 15,000 cfs when all standards are met.												
		65% when Banks is pumping at existing permitted pumping capacity 35% for the Banks increased pumping capacity										
<b>Alt 2</b>	65	65-35	65-35	65-35	25	25	25	25	25	65	65	65
Total allowable exports of 15,000 cfs when all standards are met.												
		65% when Banks is pumping at existing permitted pumping capacity 35% for the Banks increased pumping capacity										
Minimum flow on Sacramento below diversion point to the central Delta such that no reverse flows at intakes. As a start use 7,000 cfs												

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<b>Strawman Operations for IDT Alternatives 1, 2, and 3</b>												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Alt 3</b>	Diversions through the Isolated facility are prioritized over the south Delta diversions											
	Diversions through the Isolated facility are not subject to E/I Ratio											
	Minimum flow on Sacramento below diversion point to the central Delta such that no reverse flows at intakes. Maximum diversion in May 5,000 cfs											
	South Delta diversions only when the Isolated diversions are maximized and all standards met											
	No south Delta diversions unless outflow exceeds 50,000 cfs or San Joaquin exceeds 15,000 cfs						No south Delta diversions unless outflow exceeds 50,000 cfs or San Joaquin exceeds 15,000 cfs					
	South Delta are available only up to E/I Ratio including Isolated facility flow as export and inflow											

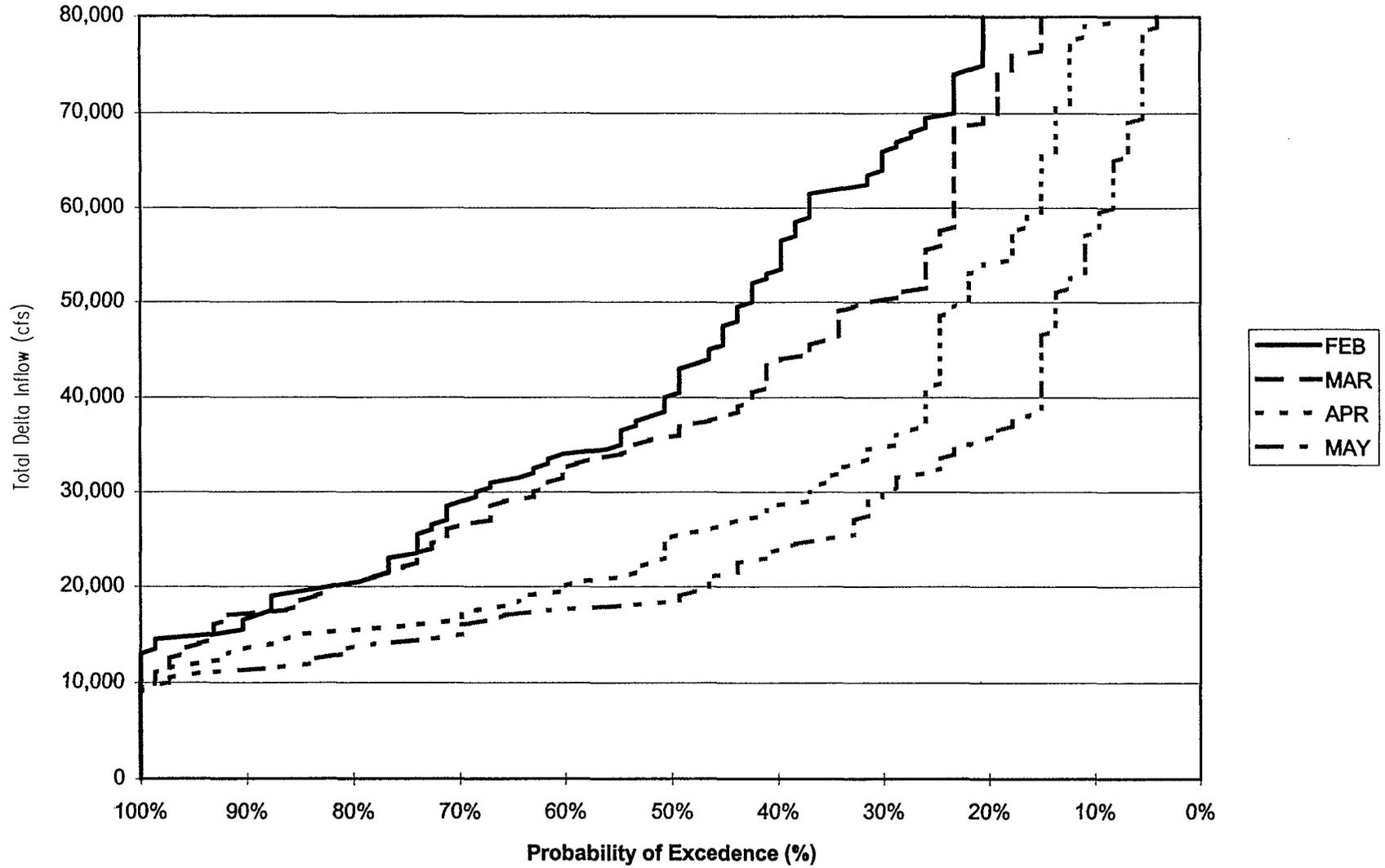
### Total Delta Inflow -- No Action Conditions



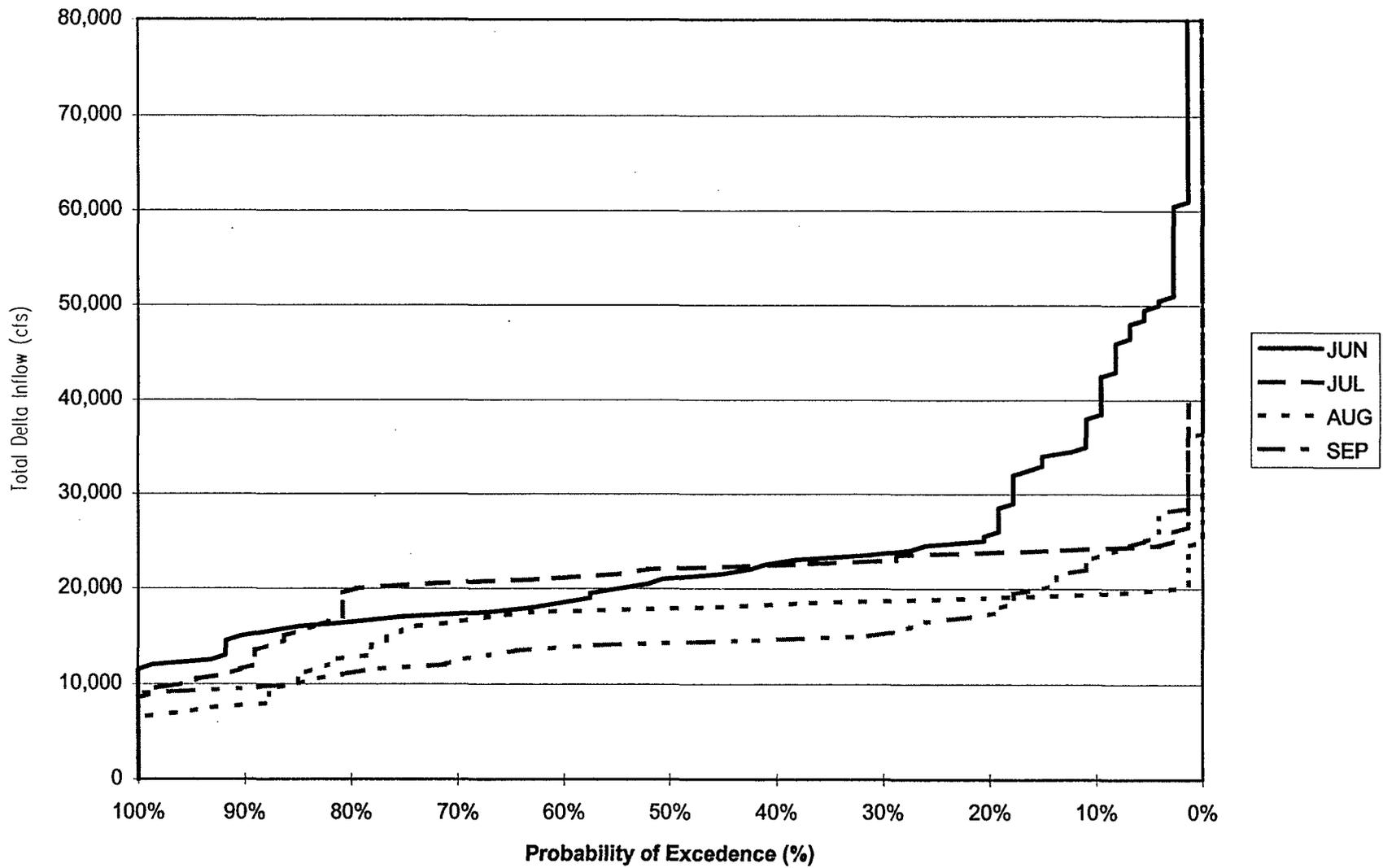
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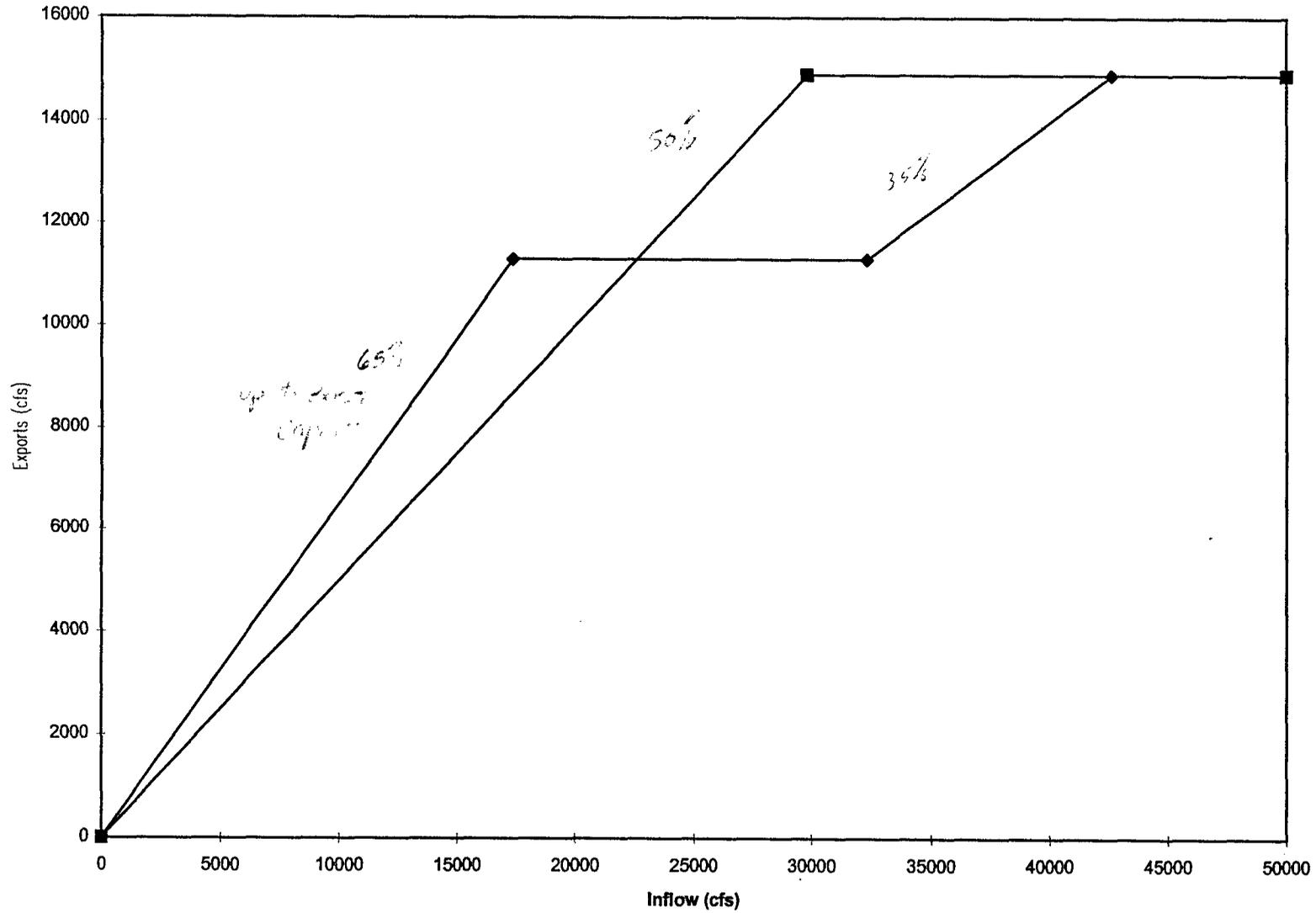
### Total Delta Inflow -- No Action Conditions



### Total Delta Inflow -- No Action Conditions



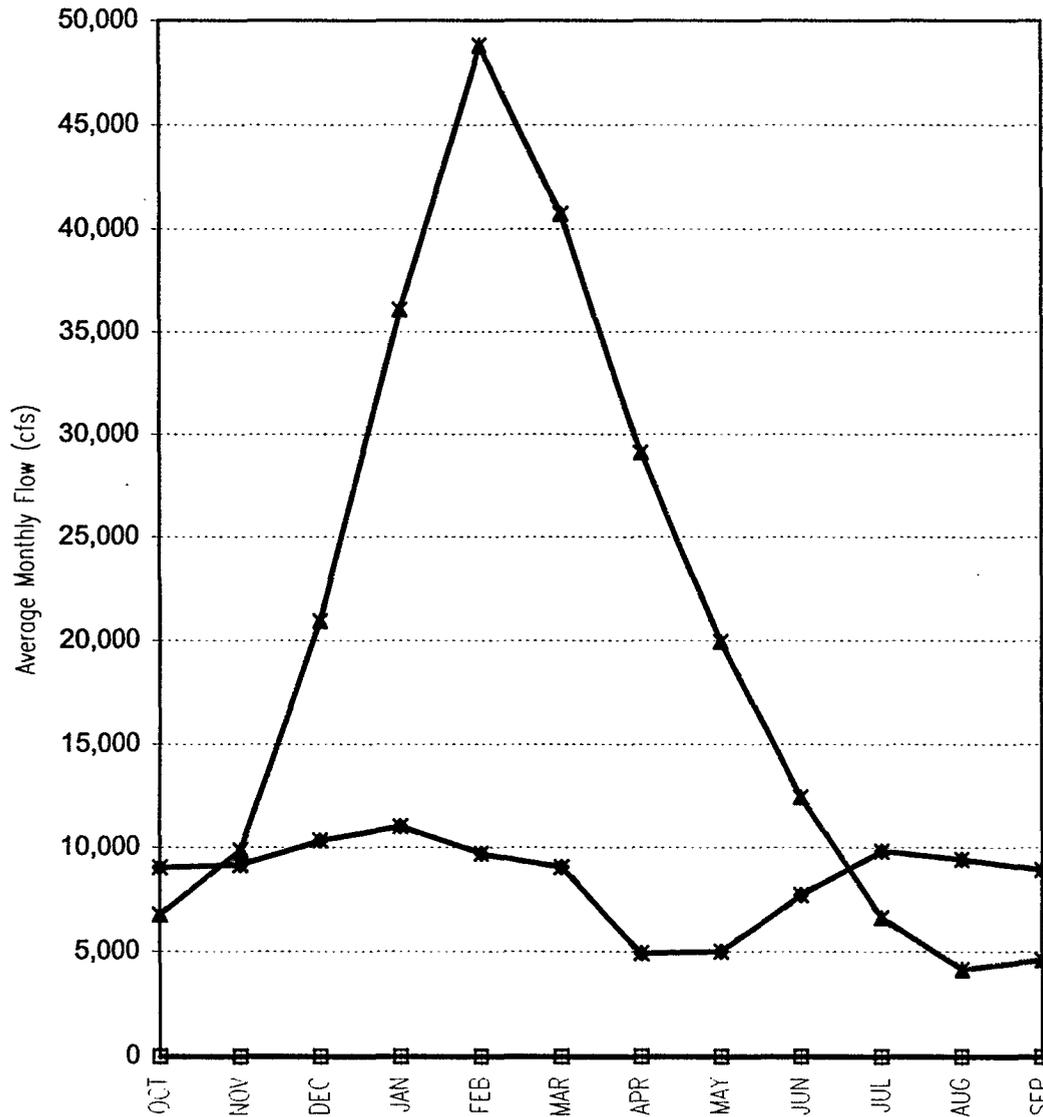
### Inflow-Export Ratio



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Run	Description	Total Project Deliveries			
		Gross		Net Compared to No Action	
		Long-Term	Critical Period	Long-Term	Critical Period
	No Action	5,893	4,051		
	10,300 cfs permitted Banks Capacity; Existing E/I Ratio	6,155	4,171	262	120
1	10,300 cfs permitted Banks Capacity; E/I Ratio = 0.25 Feb thru June	5,996	3,957	103	-94
2	10,300 cfs permitted Banks Capacity Feb thru Oct; 6,700 cfs permitted Banks Capacity Nov thru Jan; E/I Ratio = 0.25 Feb thru June	5,848	3,825	-45	-226
4	10,300 cfs permitted Banks Capacity; E/I Ratio = 0.35 Feb; 0.25 Mar - Jun; 0.65 Jul - Oct; 0.65 Nov - Jan	6,041	4,051	148	0
5	10,300 cfs permitted Banks Capacity; E/I Ratio = 0.35 Feb; 0.25 Mar - Jun; 0.65 Jul - Oct; 0.50 Nov - Jan	5,896	3,796	3	-255
6	10,300 cfs permitted Banks Capacity; E/I Ratio = 0.35 Feb; 0.25 Mar - Jun; 0.65 Jul - Oct; 0.35 Nov - Jan	5,627	3,450	-266	-601
7	10,300 cfs permitted Banks Capacity; E/I Ratio = 0.35 Feb; 0.25 Mar - Jun; 0.65 Jul - Oct; 0.50 Nov - Jan 500 TAF SJVGW Banking	5,899	3,839	6	-212
8	10,300 cfs permitted Banks Capacity; E/I Ratio = 0.35 Feb; 0.25 Mar - Jun; 0.65 Jul - Oct; 0.50 Nov - Jan 250 TAF SVGW Banking 500 TAF SJVGW Banking 2.0 MAF Sac River Offstream Storage (0 Fluvial Target) 2.0 MAF Off-Aqueduct Storage	6,240	4,228	347	177

STUDY:2020D09B-CALFED-516



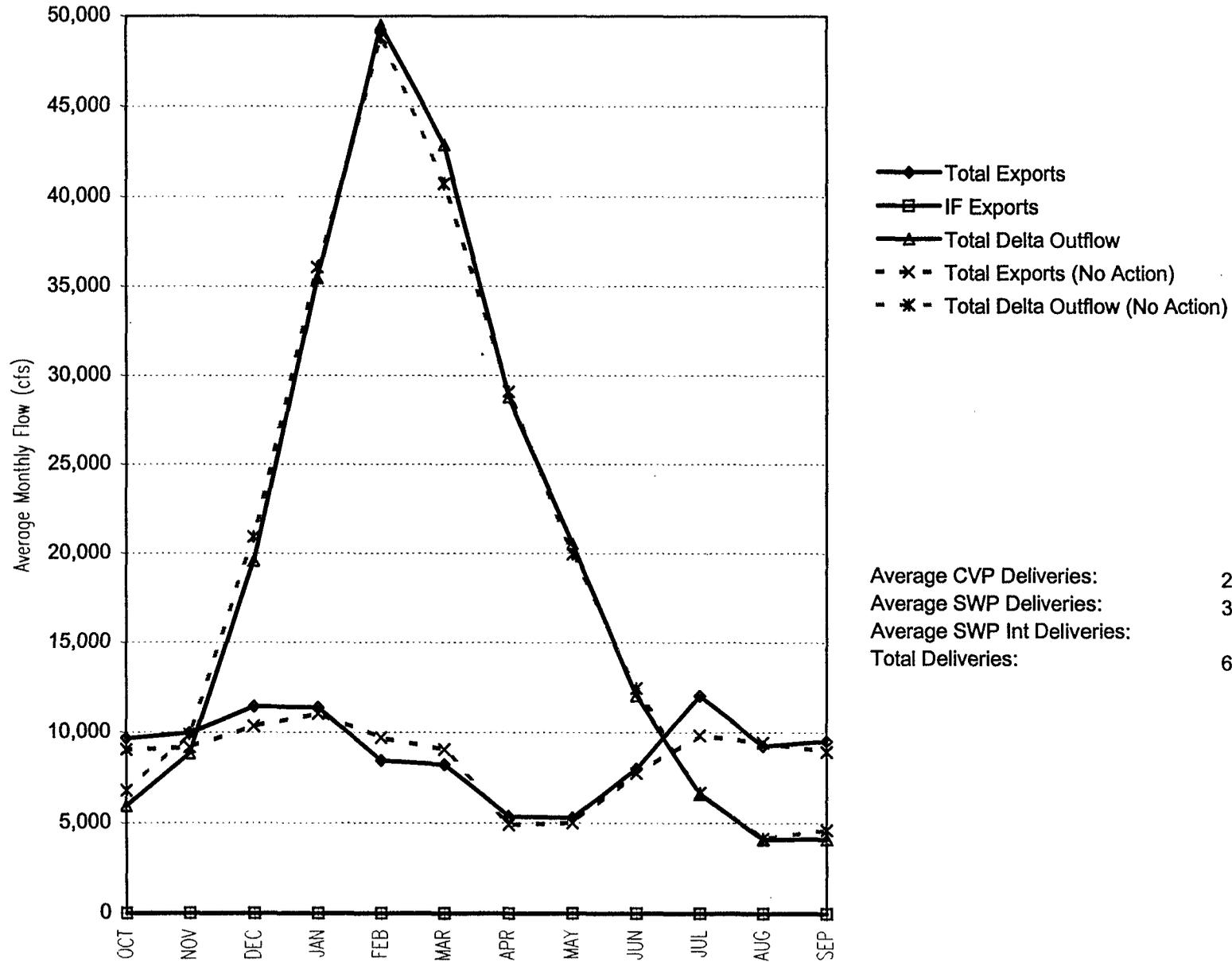
- ◆ Total Exports
- IF Exports
- ▲ Total Delta Outflow
- ✕ Total Exports (No Action)
- ✱ Total Delta Outflow (No Action)

	LT	CP
Average CVP Deliveries:	2484	1889
Average SWP Deliveries:	3288	2124
Average SWP Int Deliveries:	121	38
Total Deliveries:	5893	4051



STUDY:2020D09B-CALFED-528

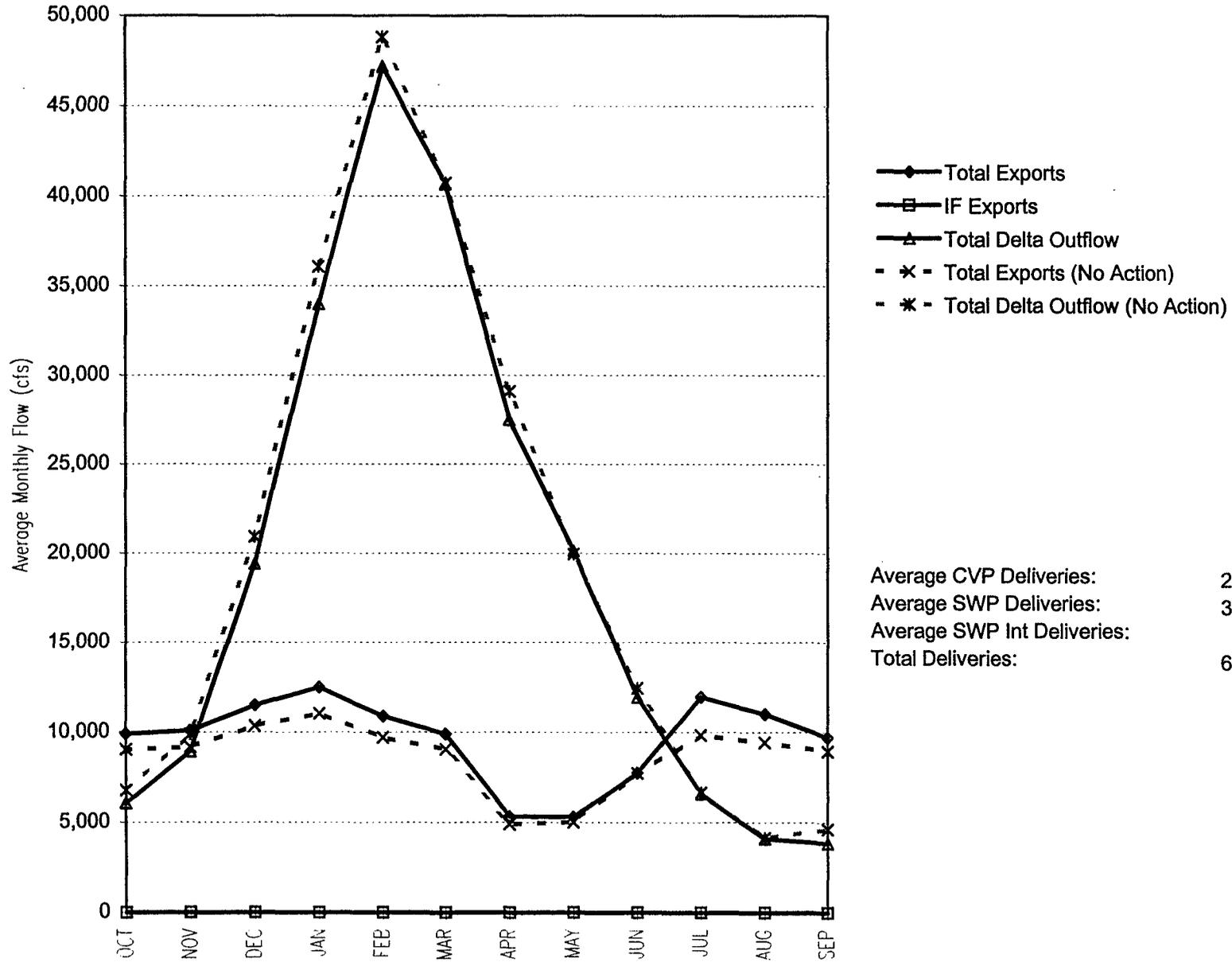
*So Δ Import  
Frst Stal 05/11*



	LT	CP
Average CVP Deliveries:	2539	1944
Average SWP Deliveries:	3355	2136
Average SWP Int Deliveries:	261	91
Total Deliveries:	6155	4171

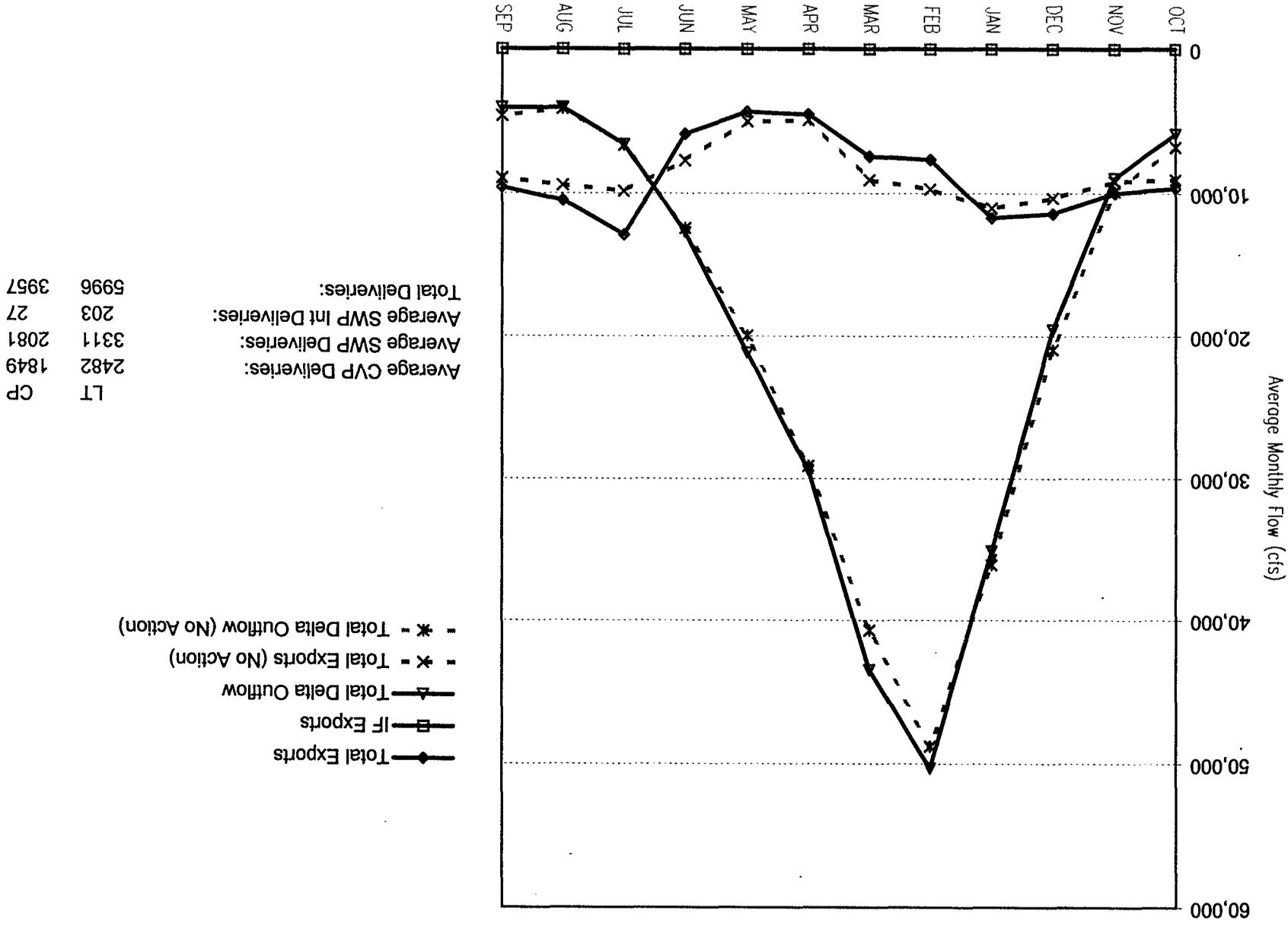
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STUDY:2020D09A-CALFED-532

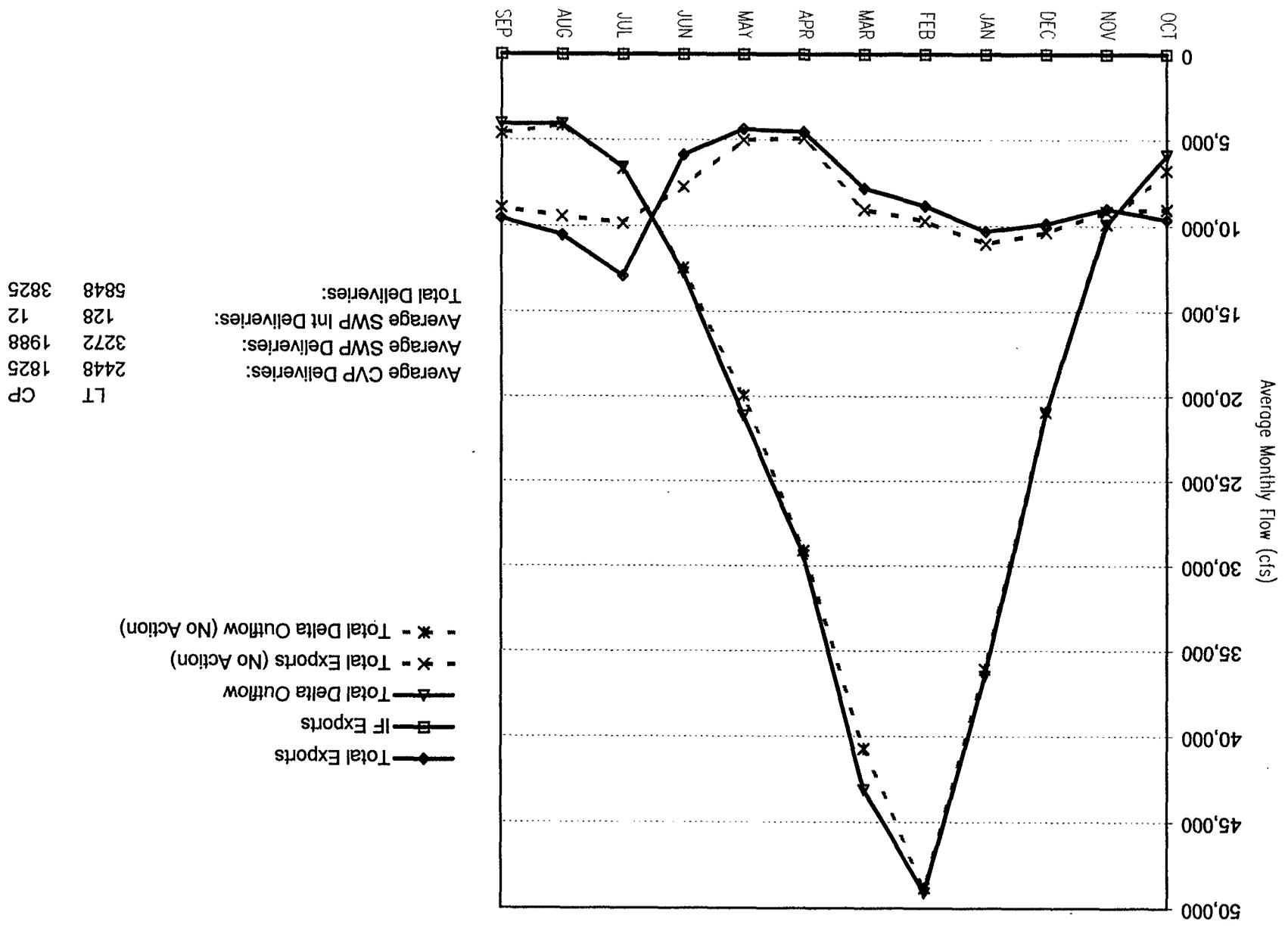


	LT	CP
Average CVP Deliveries:	2534	1836
Average SWP Deliveries:	3929	2795
Average SWP Int Deliveries:	92	2
Total Deliveries:	6555	4633

STUDY:2020D09B-C-528-MC1



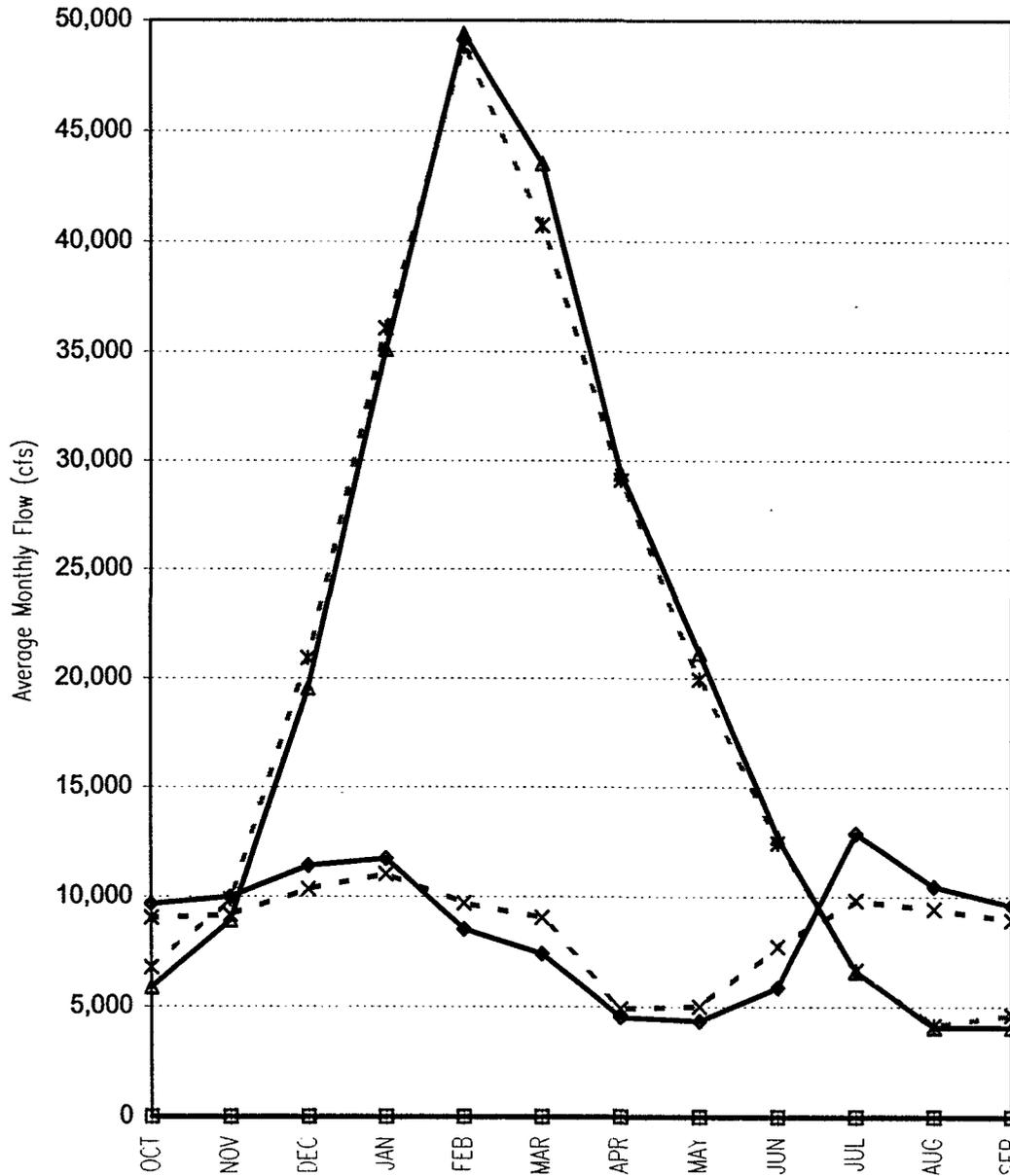
STUDY:2020D09B-C-528-MC2



Average CVP Deliveries: LT  
 2448  
 Average SWP Deliveries: 3272  
 Average SWP Int Deliveries: 128  
 Total Deliveries: 5848

Total Exports  
 IF Exports  
 Total Delta Outflow  
 Total Exports (No Action)  
 Total Delta Outflow (No Action)

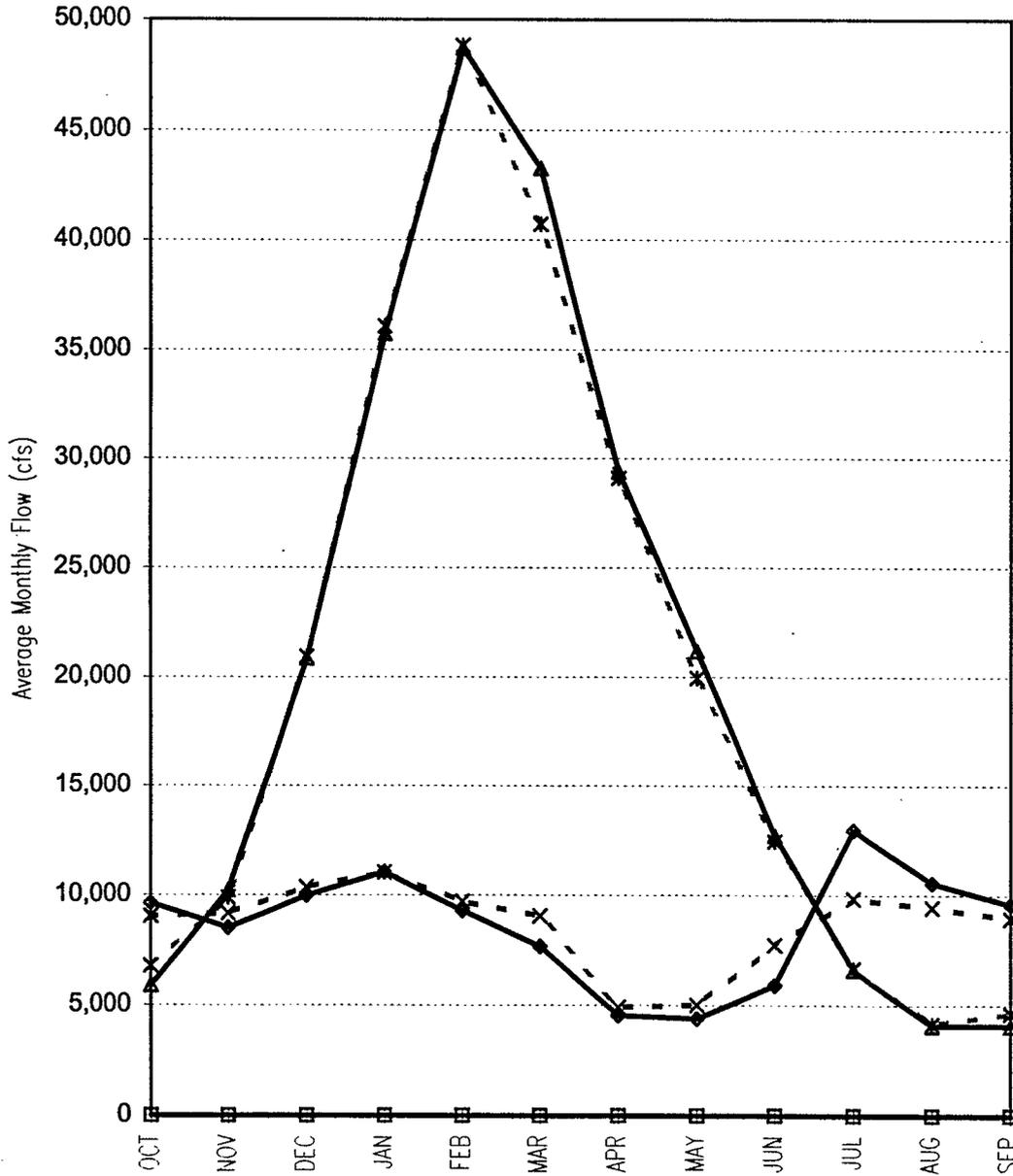
STUDY:2020D09B-C-528-MC4



- ◆ Total Exports
- IF Exports
- ▲ Total Delta Outflow
- x - Total Exports (No Action)
- \* - Total Delta Outflow (No Action)

	LT	CP
Average CVP Deliveries:	2493	1881
Average SWP Deliveries:	3327	2105
Average SWP Int Deliveries:	221	65
Total Deliveries:	6041	4051

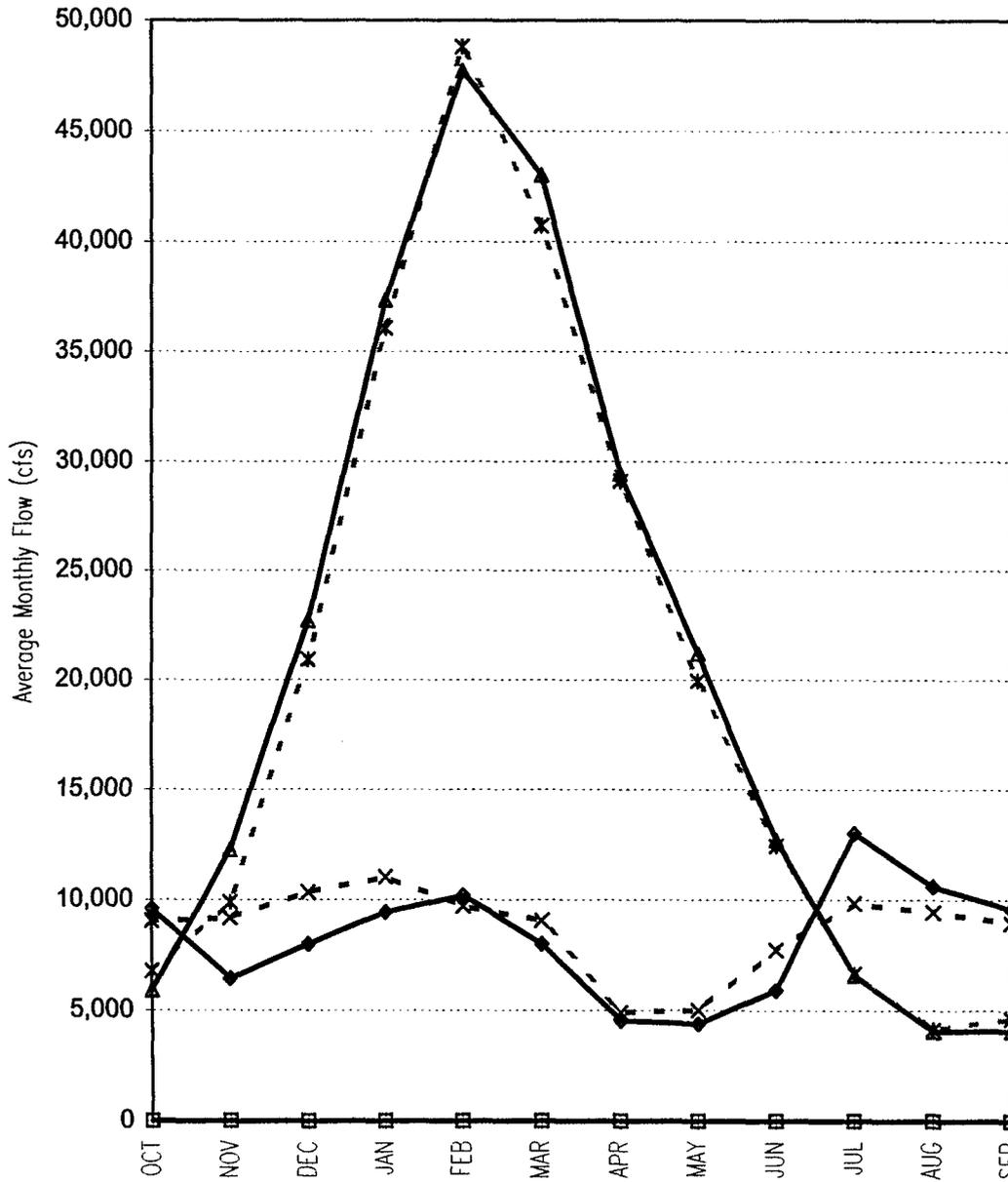
STUDY:2020D09B-C-528-MC5



	LT	CP
Average CVP Deliveries:	2460	1869
Average SWP Deliveries:	3282	1927
Average SWP Int Deliveries:	154	0
Total Deliveries:	5896	3796

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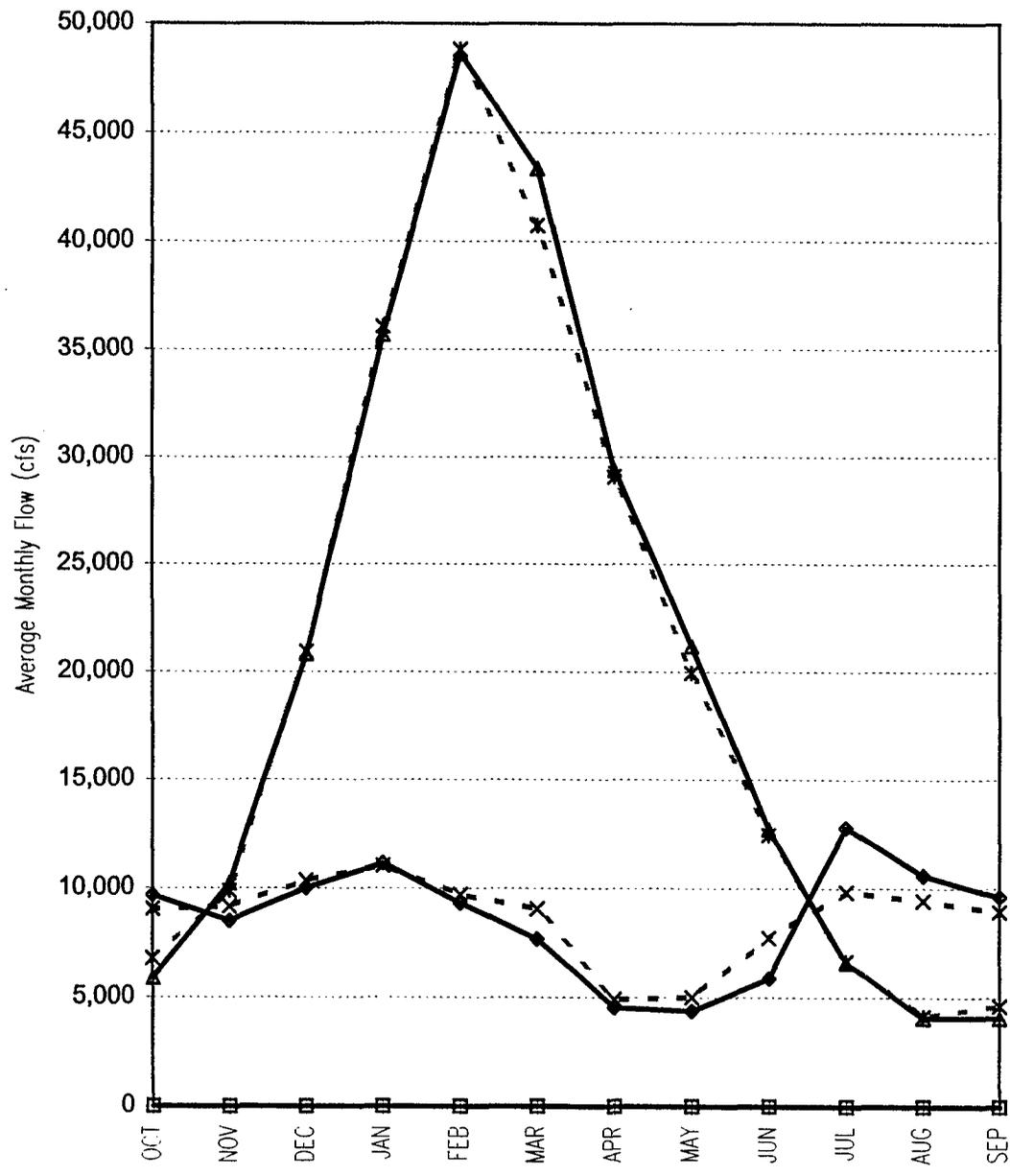
STUDY:2020D09B-C-528-MC6



- ◆ Total Exports
- IF Exports
- ▲ Total Delta Outflow
- x - Total Exports (No Action)
- \* - Total Delta Outflow (No Action)

	LT	CP
Average CVP Deliveries:	2365	1730
Average SWP Deliveries:	3161	1720
Average SWP Int Deliveries:	101	0
Total Deliveries:	5627	3450

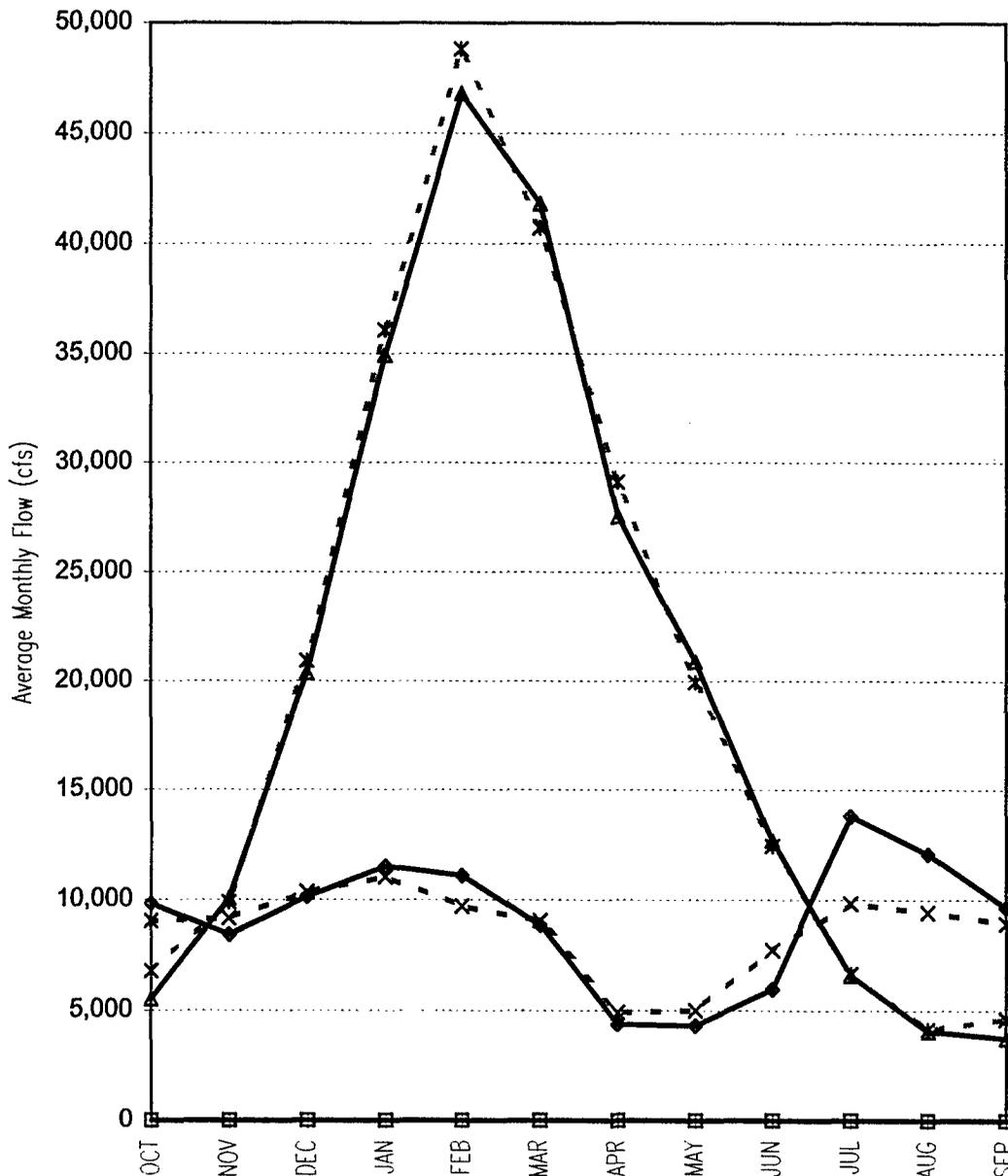
STUDY:2020D09B-C-528-MC7



- ◆ Total Exports
- IF Exports
- ▲ Total Delta Outflow
- x - Total Exports (No Action)
- \* - Total Delta Outflow (No Action)

	LT	CP
Average CVP Deliveries:	2457	1839
Average SWP Deliveries:	3292	1948
Average SWP Int Deliveries:	150	52
Total Deliveries:	5899	3839

STUDY:2020D09B-C-532-MC8



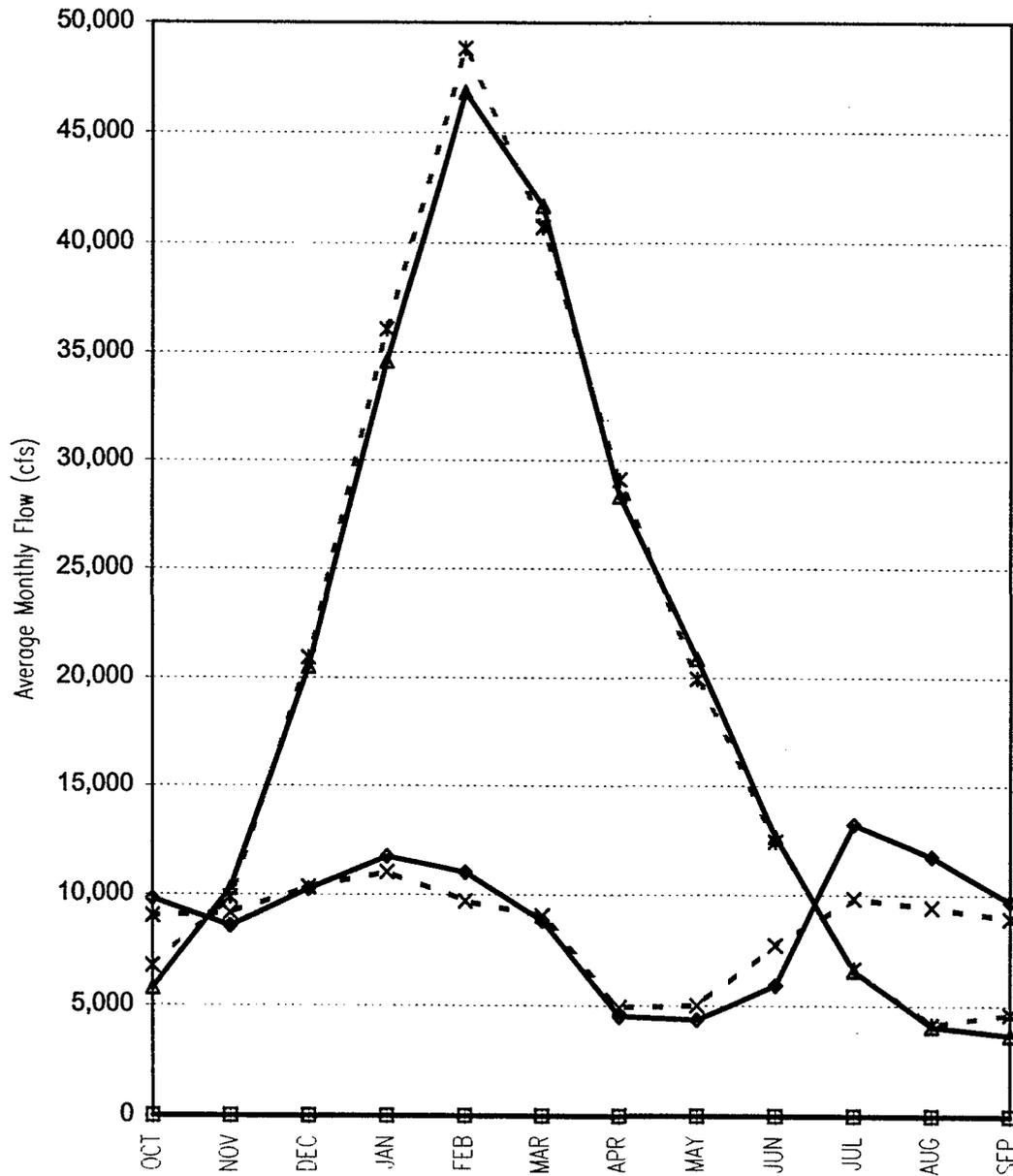
- ◆ Total Exports
- IF Exports
- ▲ Total Delta Outflow
- x - Total Exports (No Action)
- \* - Total Delta Outflow (No Action)

	LT	CP
Average CVP Deliveries:	2411	1730
Average SWP Deliveries:	3786	2498
Average SWP Int Deliveries:	43	0
Total Deliveries:	6240	4228

C-096993

C-096993

STUDY:2020D09B-C-532-MC9



- ◆ Total Exports
- IF Exports
- ▲ Total Delta Outflow
- x - Total Exports (No Action)
- \* - Total Delta Outflow (No Action)

	LT	CP
Average CVP Deliveries:	2474	1720
Average SWP Deliveries:	3716	2257
Average SWP Int Deliveries:	40	0
Total Deliveries:	6230	3977