

ATTACHMENT C.1

RESERVOIR OPERATION HYDROGRAPHS AT CONTROLLING RESERVOIRS

FIGURES – SACRAMENTO RIVER BASIN

Figure C.1-1a	Shasta – 50% Chance Exceedence Event
Figure C.1-1b	Shasta – 10% Chance Exceedence Event
Figure C.1-1c	Shasta – 4% Chance Exceedence Event
Figure C.1-1d	Shasta – 2% Chance Exceedence Event
Figure C.1-1e	Shasta – 1% Chance Exceedence Event
Figure C.1-1f	Shasta – 0.5% Chance Exceedence Event
Figure C.1-1g	Shasta – 0.2% Chance Exceedence Event
Figure C.1-1h	Shasta – Regulated Outflow (all events)
Figure C.1-2a	Black Butte – 50% Chance Exceedence Event
Figure C.1-2b	Black Butte – 10% Chance Exceedence Event
Figure C.1-2c	Black Butte – 4% Chance Exceedence Event
Figure C.1-2d	Black Butte – 2% Chance Exceedence Event
Figure C.1-2e	Black Butte – 1% Chance Exceedence Event
Figure C.1-2f	Black Butte – 0.5% Chance Exceedence Event
Figure C.1-2g	Black Butte – 0.2% Chance Exceedence Event
Figure C.1-2h	Black Butte – Regulated Outflow (all events)
Figure C.1-3a	Oroville – 50% Chance Exceedence Event
Figure C.1-3b	Oroville – 10% Chance Exceedence Event
Figure C.1-3c	Oroville – 4% Chance Exceedence Event
Figure C.1-3d	Oroville – 2% Chance Exceedence Event
Figure C.1-3e	Oroville – 1% Chance Exceedence Event
Figure C.1-3f	Oroville – 0.5% Chance Exceedence Event
Figure C.1-3g	Oroville – 0.2% Chance Exceedence Event
Figure C.1-3h	Oroville – Regulated Outflow (all events)
Figure C.1-4a	Bullards Bar – 50% Chance Exceedence Event
Figure C.1-4b	Bullards Bar – 10% Chance Exceedence Event
Figure C.1-4c	Bullards Bar – 4% Chance Exceedence Event
Figure C.1-4d	Bullards Bar – 2% Chance Exceedence Event
Figure C.1-4e	Bullards Bar – 1% Chance Exceedence Event
Figure C.1-4f	Bullards Bar – 0.5% Chance Exceedence Event
Figure C.1-4g	Bullards Bar – 0.2% Chance Exceedence Event
Figure C.1-4h	Bullards Bar – Regulated Outflow (all events)

Figure C.1-5a	Indian Valley – 50% Chance Exceedence Event
Figure C.1-5b	Indian Valley – 10% Chance Exceedence Event
Figure C.1-5c	Indian Valley – 4% Chance Exceedence Event
Figure C.1-5d	Indian Valley – 2% Chance Exceedence Event
Figure C.1-5e	Indian Valley – 1% Chance Exceedence Event
Figure C.1-5f	Indian Valley – 0.5% Chance Exceedence Event
Figure C.1-5g	Indian Valley – 0.2% Chance Exceedence Event
Figure C.1-5h	Indian Valley – Regulated Outflow (all events)
Figure C.1-6a	Folsom – 50% Chance Exceedence Event
Figure C.1-6b	Folsom – 10% Chance Exceedence Event
Figure C.1-6c	Folsom – 4% Chance Exceedence Event
Figure C.1-6d	Folsom – 2% Chance Exceedence Event
Figure C.1-6e	Folsom – 1% Chance Exceedence Event
Figure C.1-6f	Folsom – 0.5% Chance Exceedence Event
Figure C.1-6g	Folsom – 0.2% Chance Exceedence Event
Figure C.1-6h	Folsom – Regulated Outflow (all events)

FIGURES – SAN JOAQUIN RIVER BASIN

Figure C.1-7a	Pine Flat – 50% Chance Exceedence Event
Figure C.1-7b	Pine Flat – 10% Chance Exceedence Event
Figure C.1-7c	Pine Flat – 4% Chance Exceedence Event
Figure C.1-7d	Pine Flat – 2% Chance Exceedence Event
Figure C.1-7e	Pine Flat – 1% Chance Exceedence Event
Figure C.1-7f	Pine Flat – 0.5% Chance Exceedence Event
Figure C.1-7g	Pine Flat – 0.2% Chance Exceedence Event
Figure C.1-7h	Pine Flat – Regulated Outflow (all events)
Figure C.1-8a	Friant – 50% Chance Exceedence Event
Figure C.1-8b	Friant – 10% Chance Exceedence Event
Figure C.1-8c	Friant – 4% Chance Exceedence Event
Figure C.1-8d	Friant – 2% Chance Exceedence Event
Figure C.1-8e	Friant – 1% Chance Exceedence Event
Figure C.1-8f	Friant – 0.5% Chance Exceedence Event
Figure C.1-8g	Friant – 0.2% Chance Exceedence Event
Figure C.1-8h	Friant – Regulated Outflow (all events)
Figure C.1-9a	Hidden – 50% Chance Exceedence Event
Figure C.1-9b	Hidden – 10% Chance Exceedence Event
Figure C.1-9c	Hidden – 4% Chance Exceedence Event
Figure C.1-9d	Hidden – 2% Chance Exceedence Event
Figure C.1-9e	Hidden – 1% Chance Exceedence Event
Figure C.1-9f	Hidden – 0.5% Chance Exceedence Event
Figure C.1-9g	Hidden – 0.2% Chance Exceedence Event
Figure C.1-9h	Hidden – Regulated Outflow (all events)
Figure C.1-10a	Buchanan – 50% Chance Exceedence Event
Figure C.1-10b	Buchanan – 10% Chance Exceedence Event
Figure C.1-10c	Buchanan – 4% Chance Exceedence Event

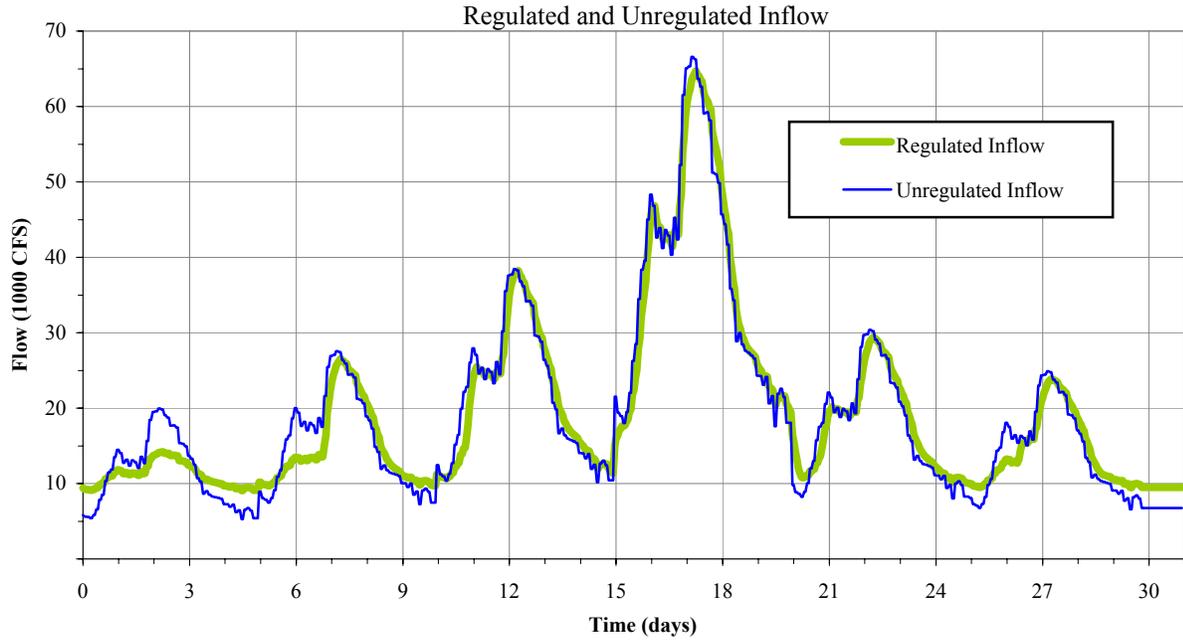
- Figure C.1-10d Buchanan – 2% Chance Exceedence Event
- Figure C.1-10e Buchanan – 1% Chance Exceedence Event
- Figure C.1-10f Buchanan – 0.5% Chance Exceedence Event
- Figure C.1-10g Buchanan – 0.2% Chance Exceedence Event
- Figure C.1-10h Buchanan – Regulated Outflow (all events)
- Figure C.1-11a New Exchequer – 50% Chance Exceedence Event
- Figure C.1-11b New Exchequer – 10% Chance Exceedence Event
- Figure C.1-11c New Exchequer – 4% Chance Exceedence Event
- Figure C.1-11d New Exchequer – 2% Chance Exceedence Event
- Figure C.1-11e New Exchequer – 1% Chance Exceedence Event
- Figure C.1-11f New Exchequer – 0.5% Chance Exceedence Event
- Figure C.1-11g New Exchequer – 0.2% Chance Exceedence Event
- Figure C.1-11h New Exchequer – Regulated Outflow (all events)
- Figure C.1-12a Don Pedro – 50% Chance Exceedence Event
- Figure C.1-12b Don Pedro – 10% Chance Exceedence Event
- Figure C.1-12c Don Pedro – 4% Chance Exceedence Event
- Figure C.1-12d Don Pedro – 2% Chance Exceedence Event
- Figure C.1-12e Don Pedro – 1% Chance Exceedence Event
- Figure C.1-12f Don Pedro – 0.5% Chance Exceedence Event
- Figure C.1-12g Don Pedro – 0.2% Chance Exceedence Event
- Figure C.1-12h Don Pedro – Regulated Outflow (all events)
- Figure C.1-13a New Melones – 50% Chance Exceedence Event
- Figure C.1-13b New Melones – 10% Chance Exceedence Event
- Figure C.1-13c New Melones – 4% Chance Exceedence Event
- Figure C.1-13d New Melones – 2% Chance Exceedence Event
- Figure C.1-13e New Melones – 1% Chance Exceedence Event
- Figure C.1-13f New Melones – 0.5% Chance Exceedence Event
- Figure C.1-13g New Melones – 0.2% Chance Exceedence Event
- Figure C.1-13h New Melones – Regulated Outflow (all events)

THIS PAGE LEFT BLANK INTENTIONALLY

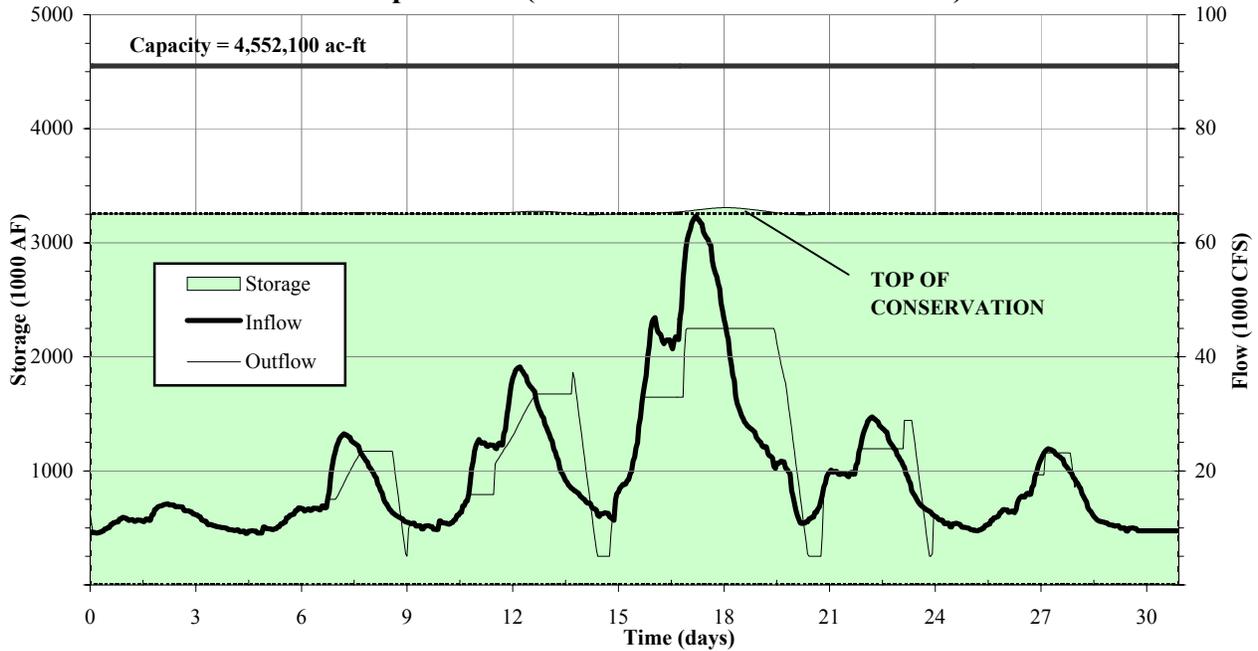
SACRAMENTO RIVER BASIN

THIS PAGE LEFT BLANK INTENTIONALLY

SACRAMENTO RIVER
Shasta Inflow (50% Chance Exceedence Event)



Shasta Operations (50% Chance Exceedence Event)

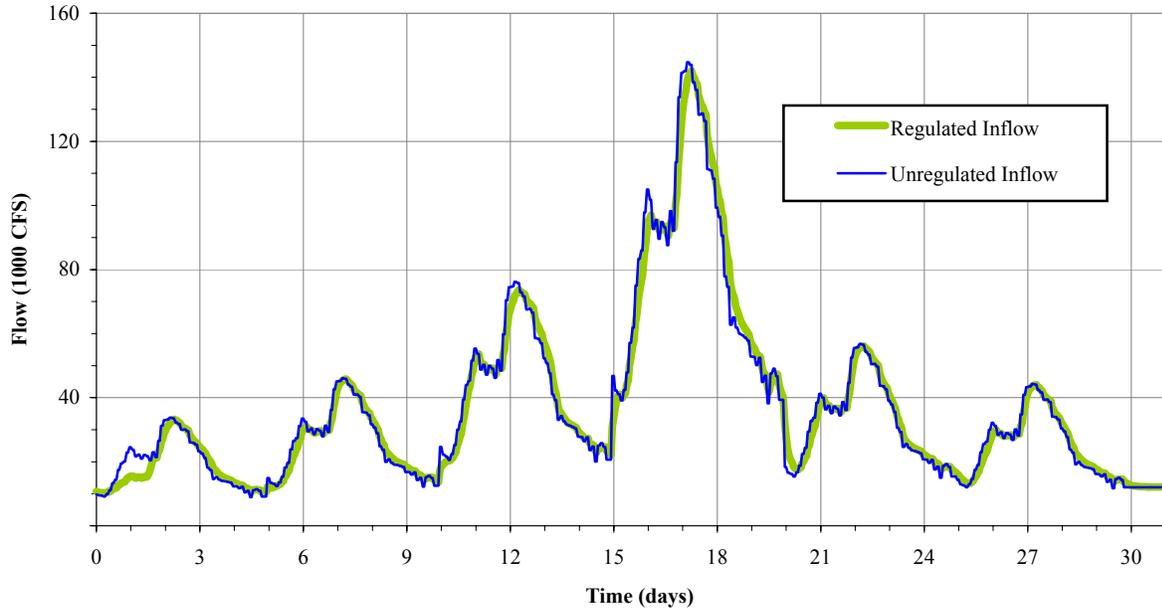


Sacramento & San Joaquin River Basins
 Comprehensive Study

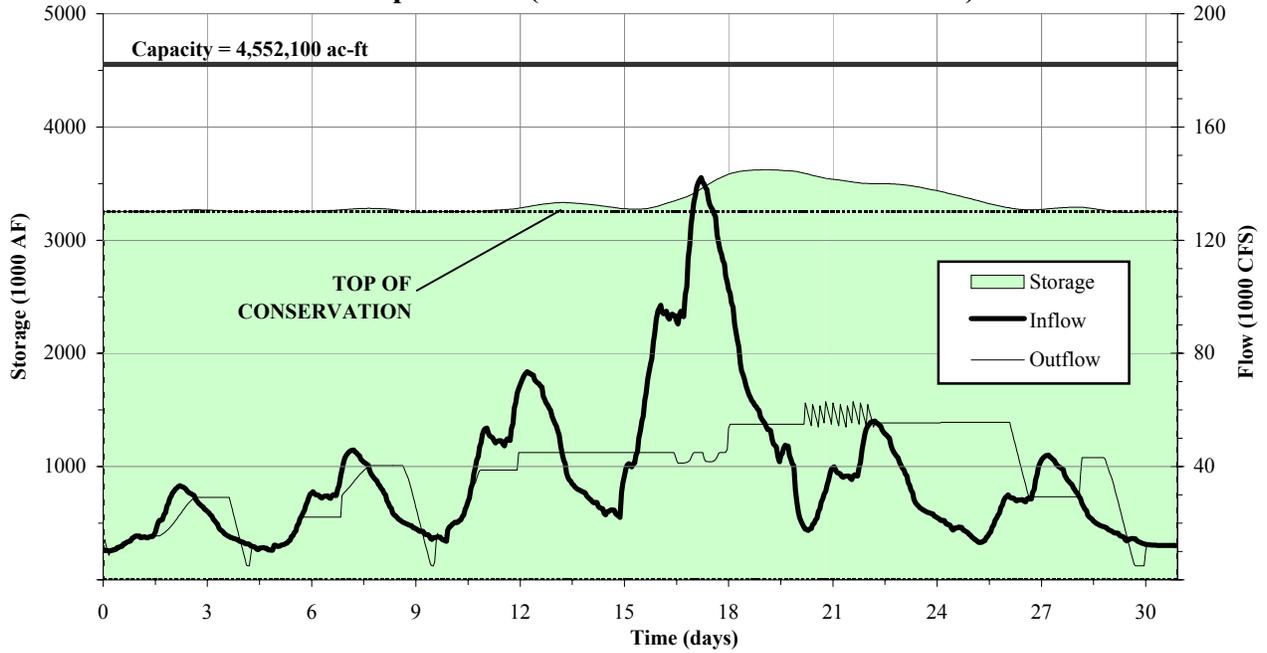
Figure C.1-1a
 Reservoir Simulation Hydrographs
 Shasta
 (50% Chance Exceedence Event)

US Army Corps of Engineers
 The Reclamation Board, State of California December 2002

SACRAMENTO RIVER
Shasta Inflow (10% Chance Exceedence Event)
 Regulated and Unregulated Inflow

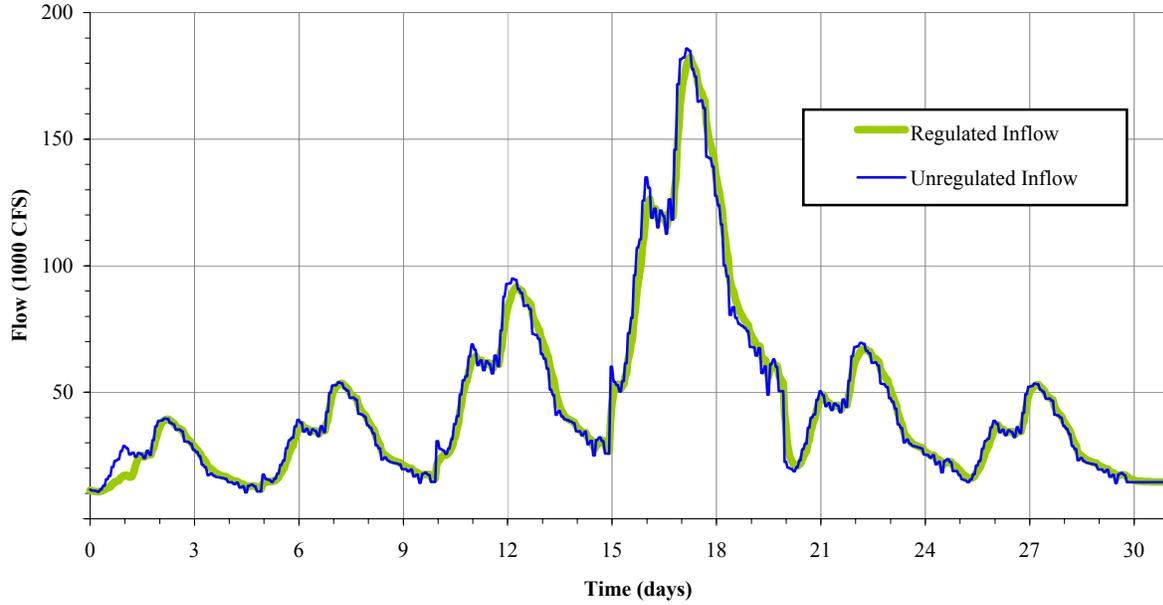


Shasta Operations (10% Chance Exceedence Event)

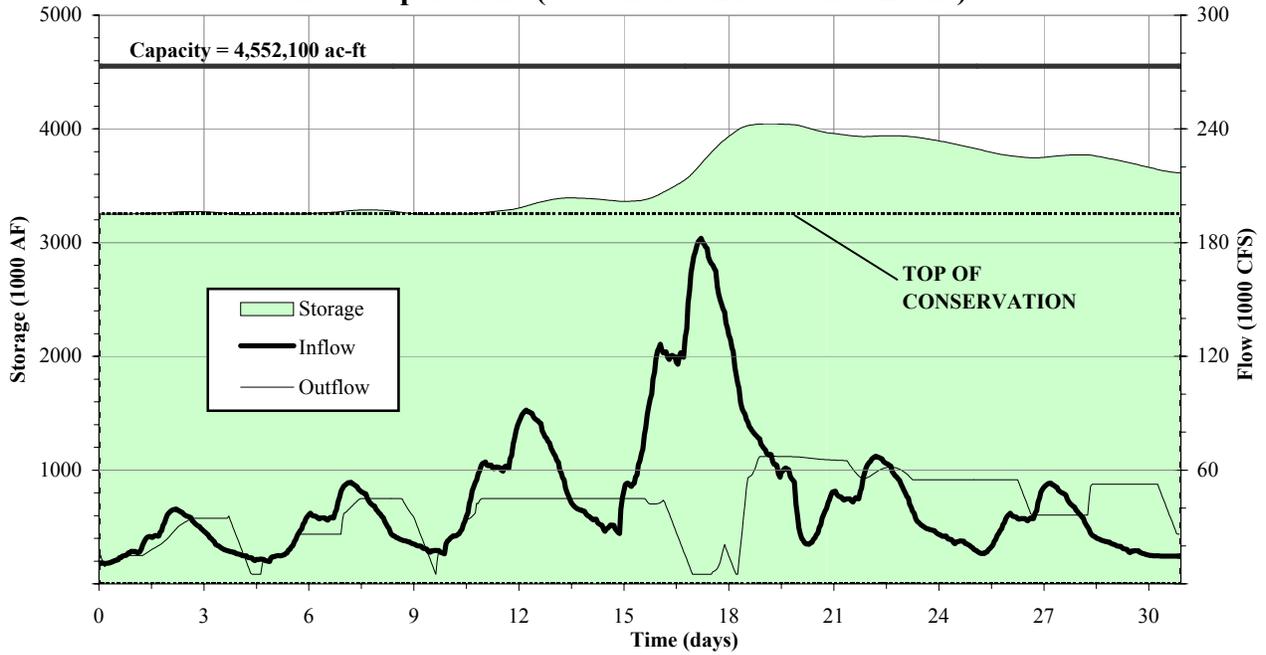


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-1b Reservoir Simulation Hydrographs Shasta (10% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

SACRAMENTO RIVER
Shasta Inflow (4% Chance Exceedence Event)
 Regulated and Unregulated Inflow

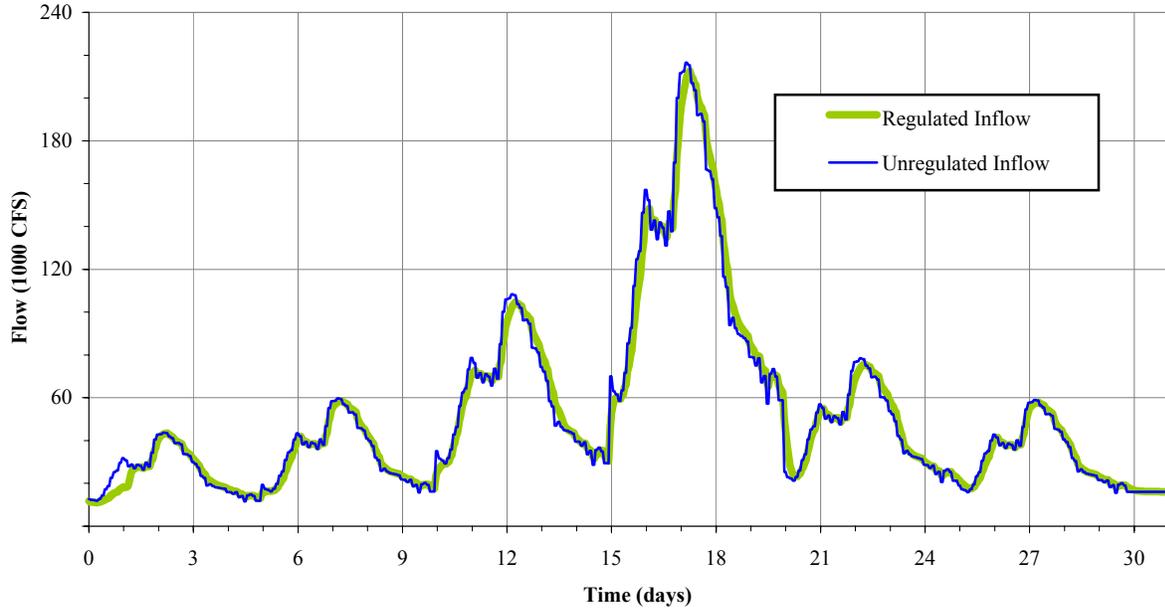


Shasta Operations (4% Chance Exceedence Event)

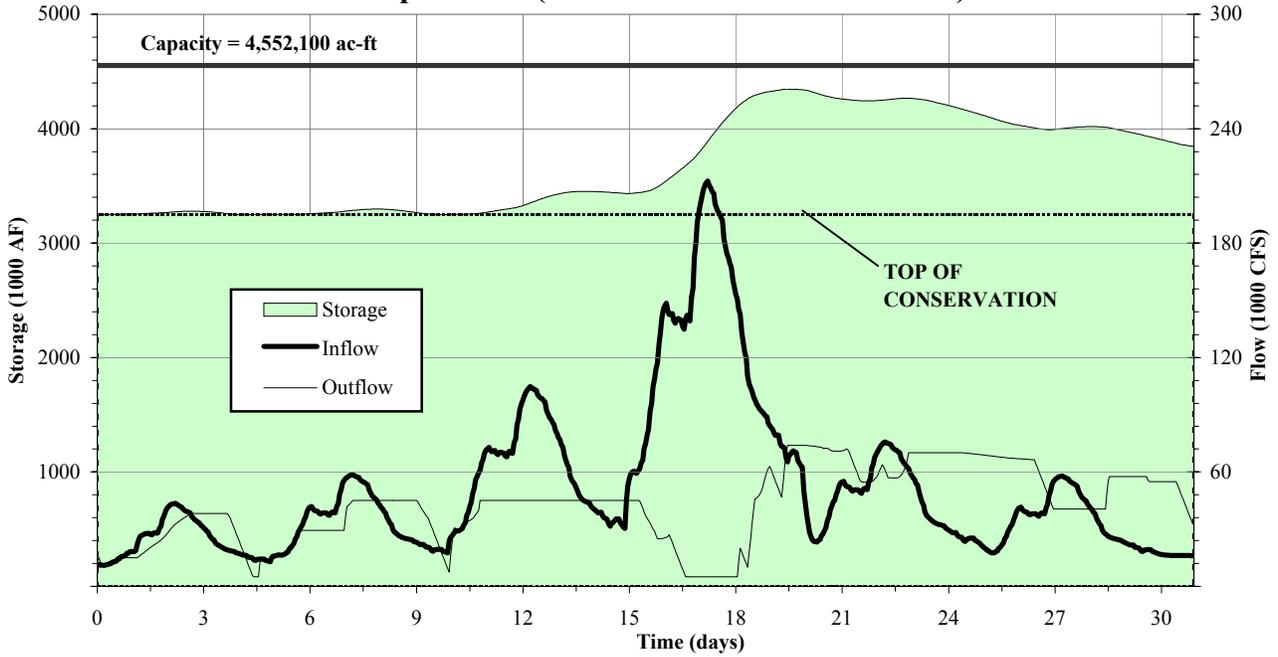


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-1c Reservoir Simulation Hydrographs Shasta (4% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

SACRAMENTO RIVER
Shasta Inflow (2% Chance Exceedence Event)
 Regulated and Unregulated Inflow

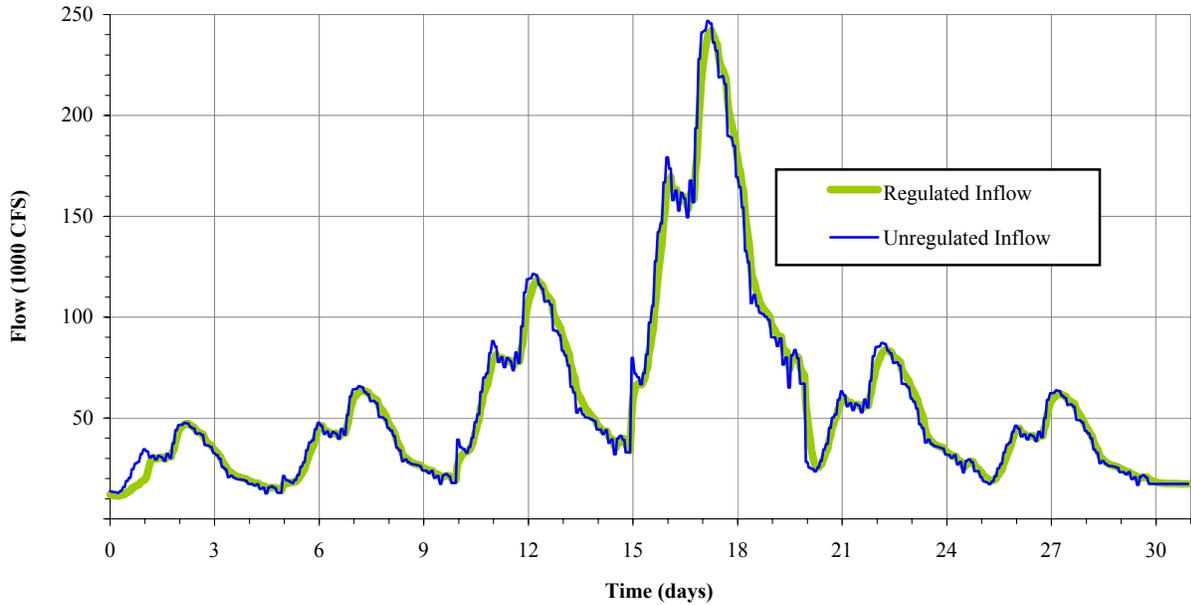


Shasta Operations (2% Chance Exceedence Event)

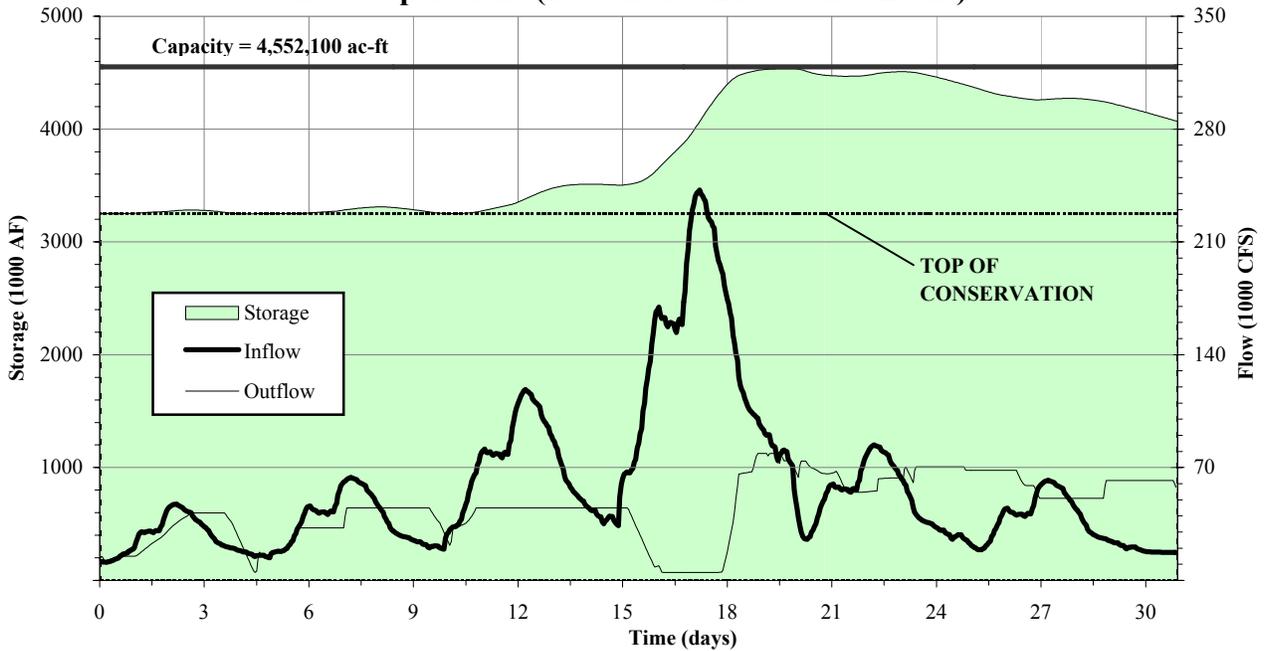


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-1d Reservoir Simulation Hydrographs Shasta (2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

SACRAMENTO RIVER
Shasta Inflow (1% Chance Exceedence Event)
 Regulated and Unregulated Inflow

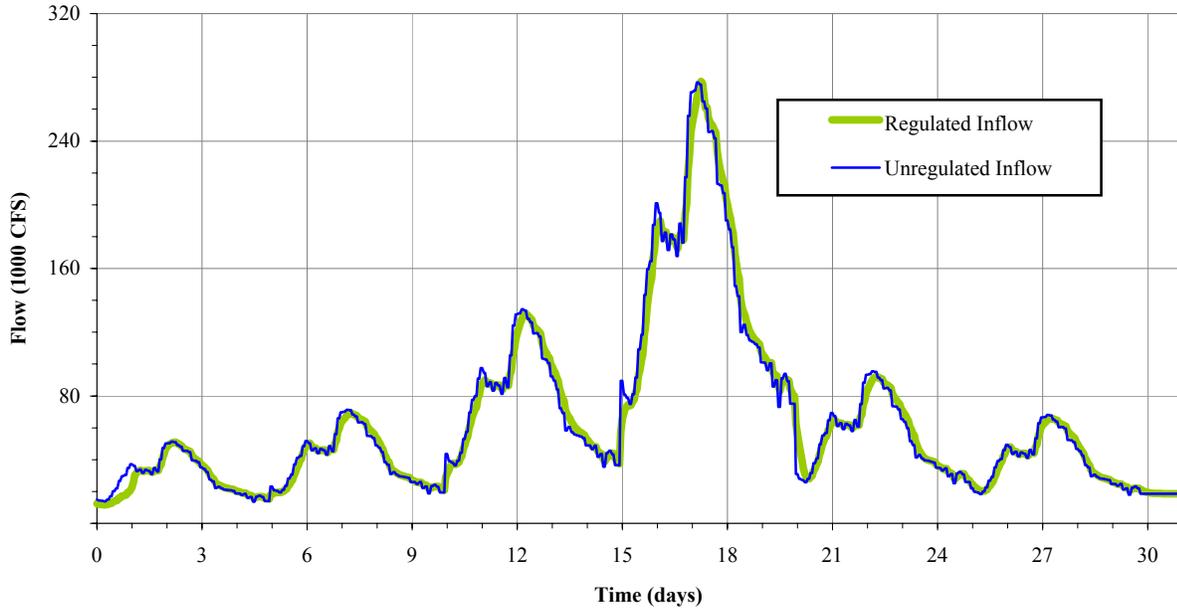


Shasta Operations (1% Chance Exceedence Event)

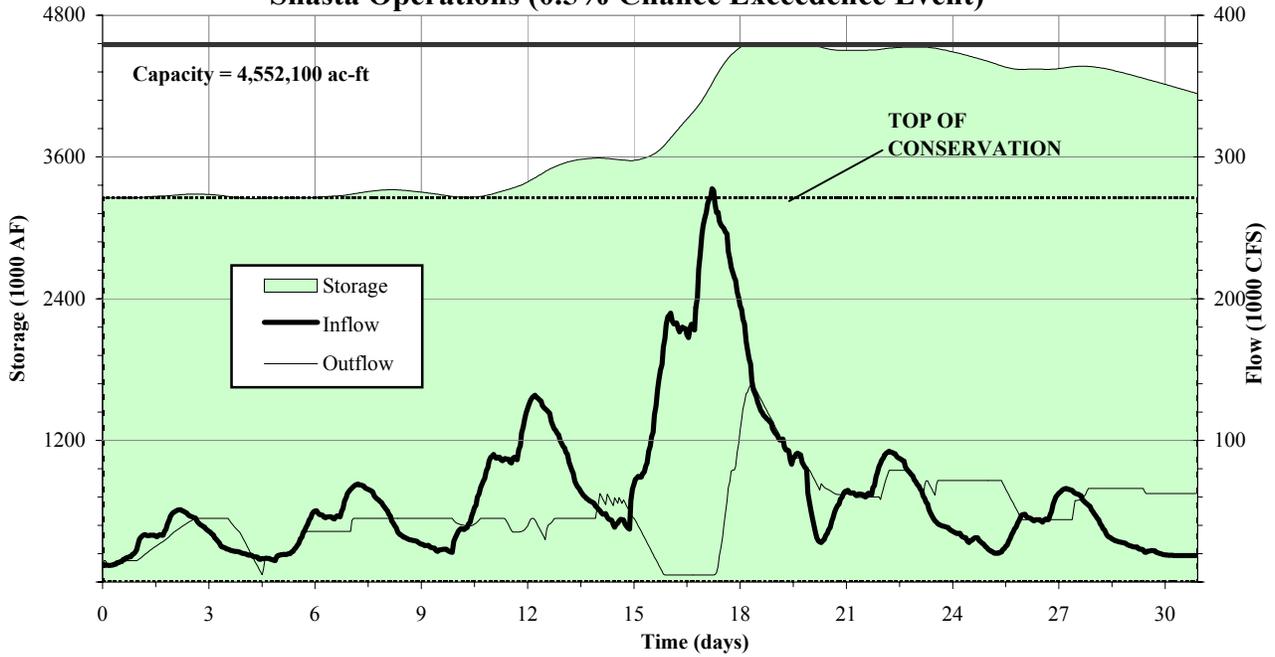


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-1e Reservoir Simulation Hydrographs Shasta (1% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

SACRAMENTO RIVER
Shasta Inflow (0.5% Chance Exceedence Event)
 Regulated and Unregulated Inflow

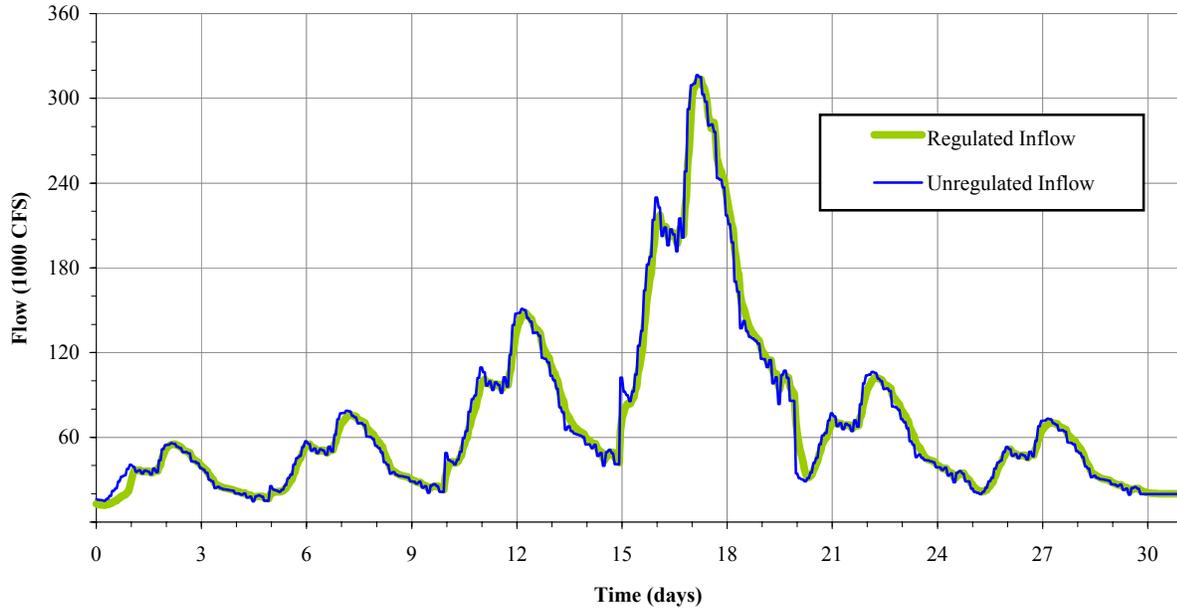


Shasta Operations (0.5% Chance Exceedence Event)

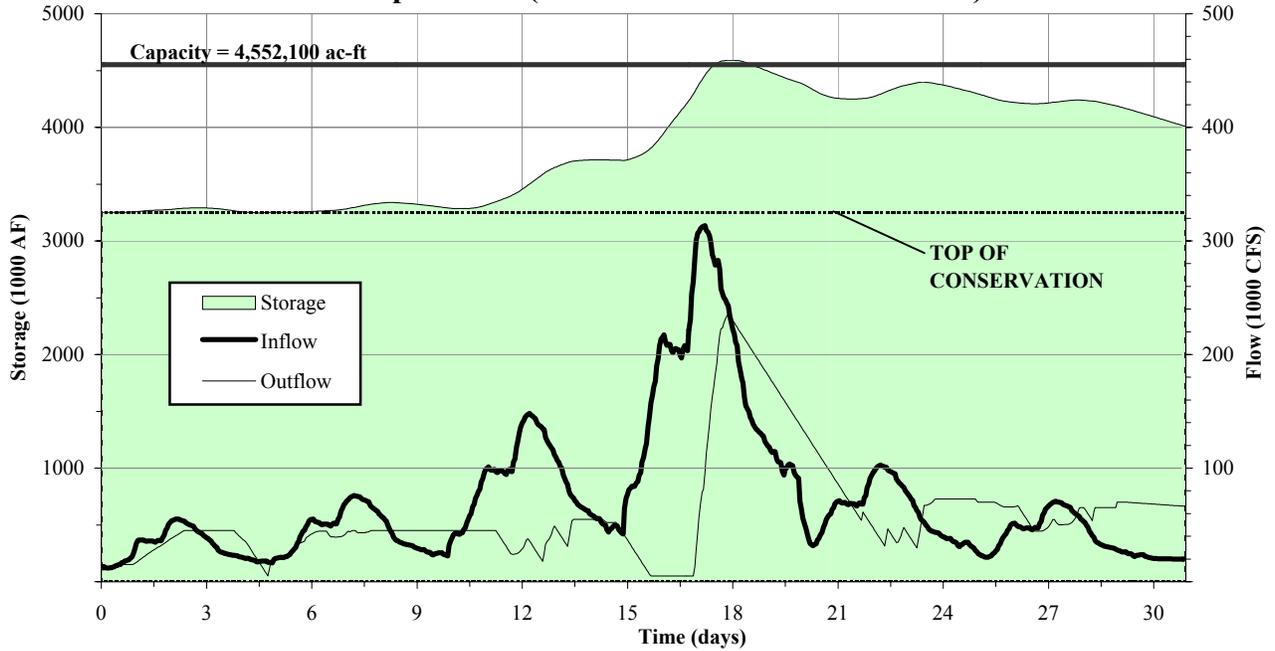


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-1f Reservoir Simulation Hydrographs Shasta (0.5% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

SACRAMENTO RIVER
Shasta Inflow (0.2% Chance Exceedence Event)
 Regulated and Unregulated Inflow



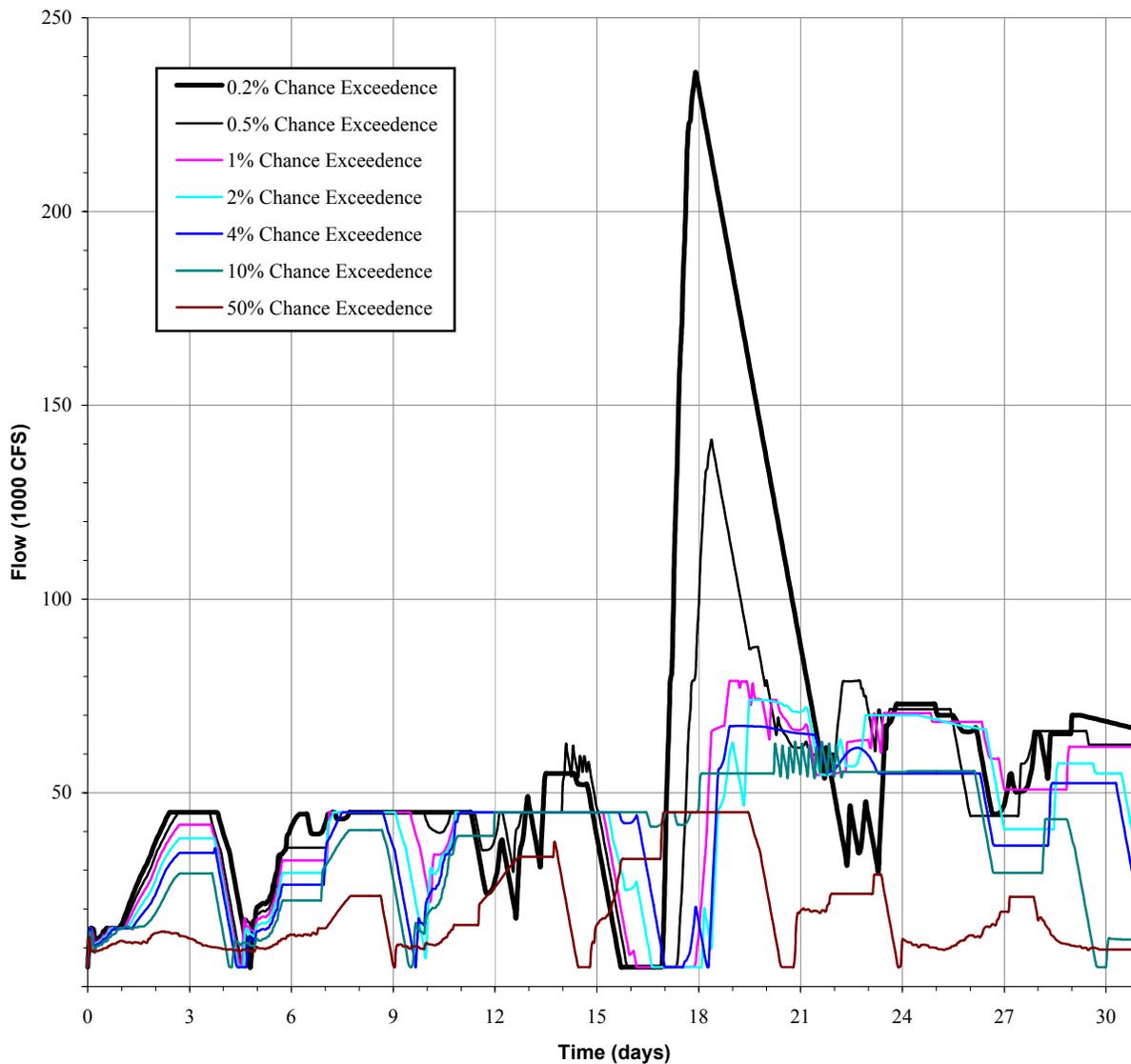
Shasta Operations (0.2% Chance Exceedence Event)



Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-1g Reservoir Simulation Hydrographs Shasta (0.2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

SHASTA OUTFLOW

Regulated Outflow Hydrographs

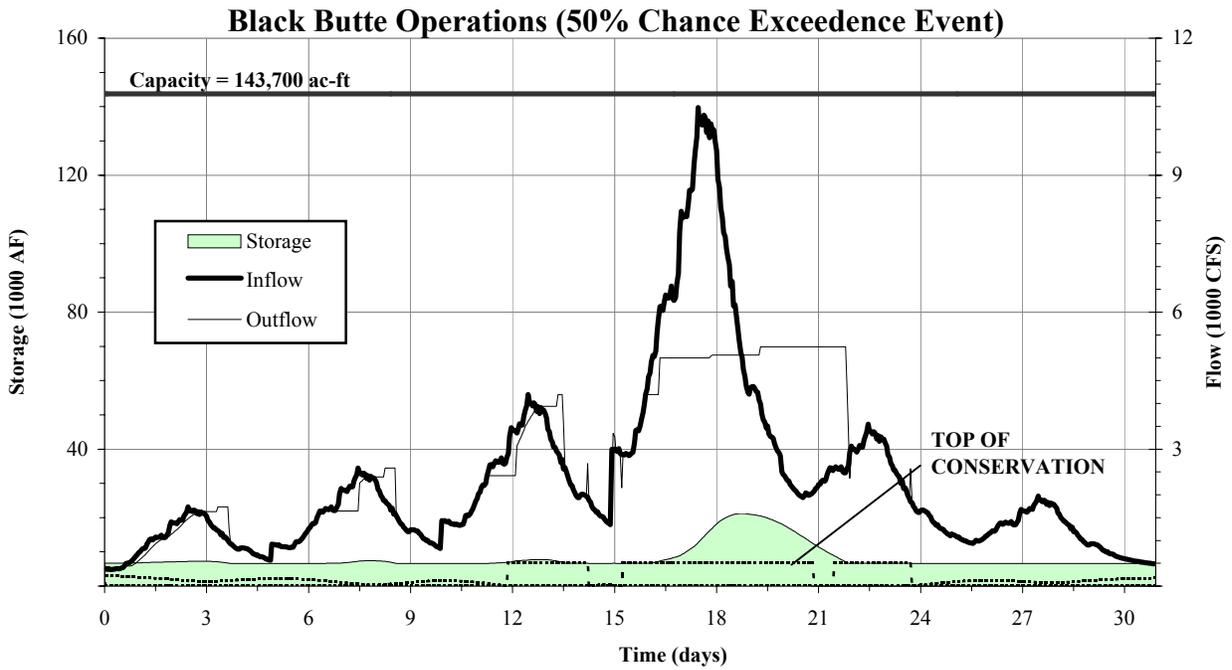
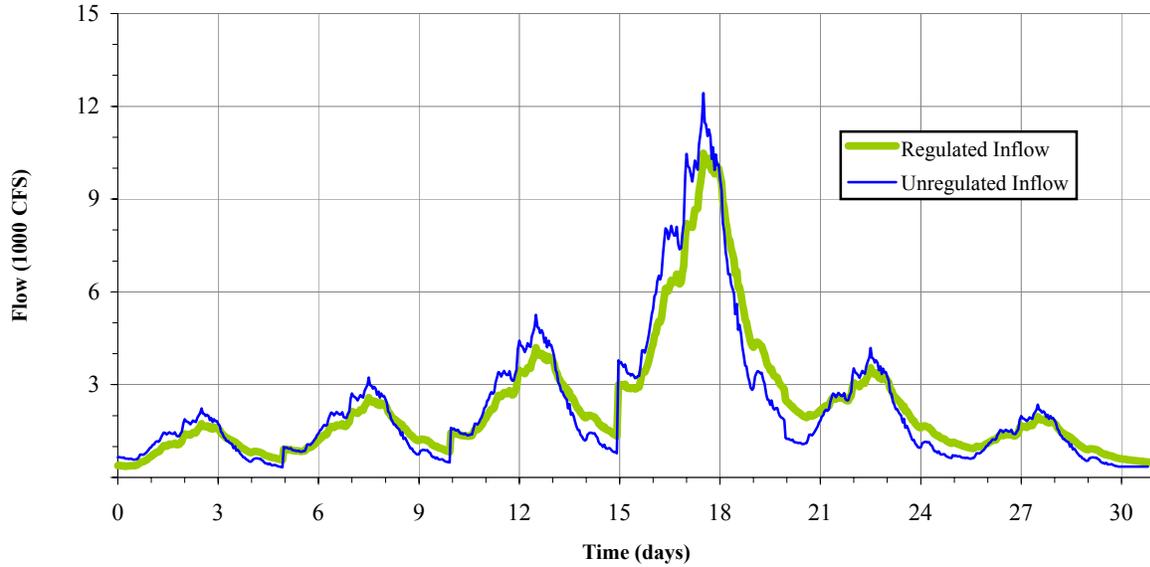


Sacramento & San Joaquin River Basins
Comprehensive Study

Figure C.1-1h
Reservoir Simulation Hydrographs
Regulated Outflow - Shasta

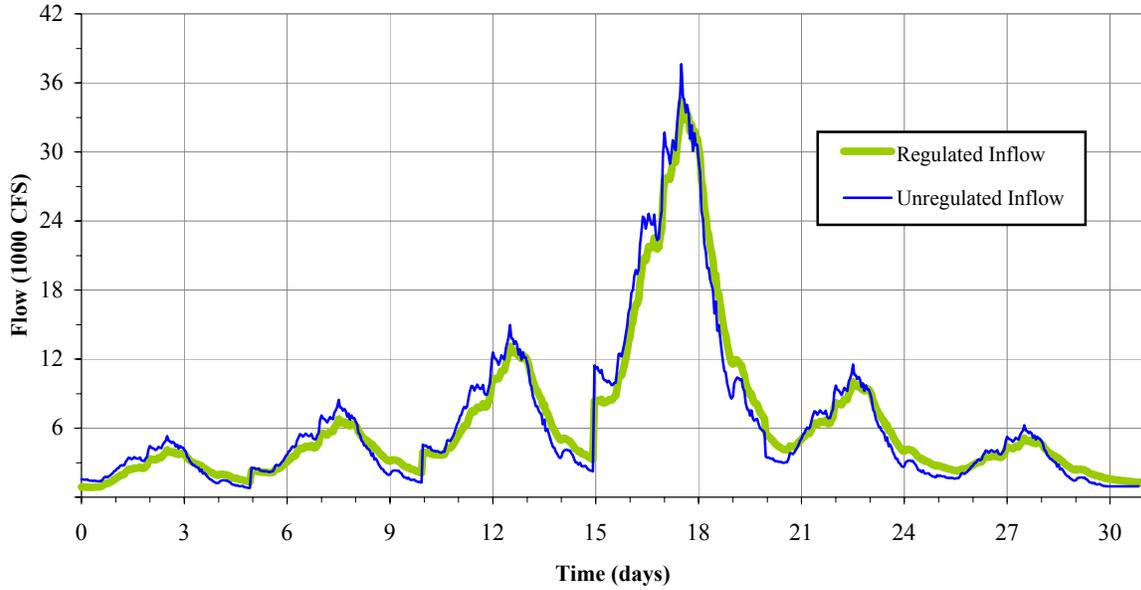
US Army Corps of Engineers
The Reclamation Board, State of California December 2002

STONY CREEK
Black Butte Inflow (50% Chance Exceedence Event)
 Regulated and Unregulated Inflow

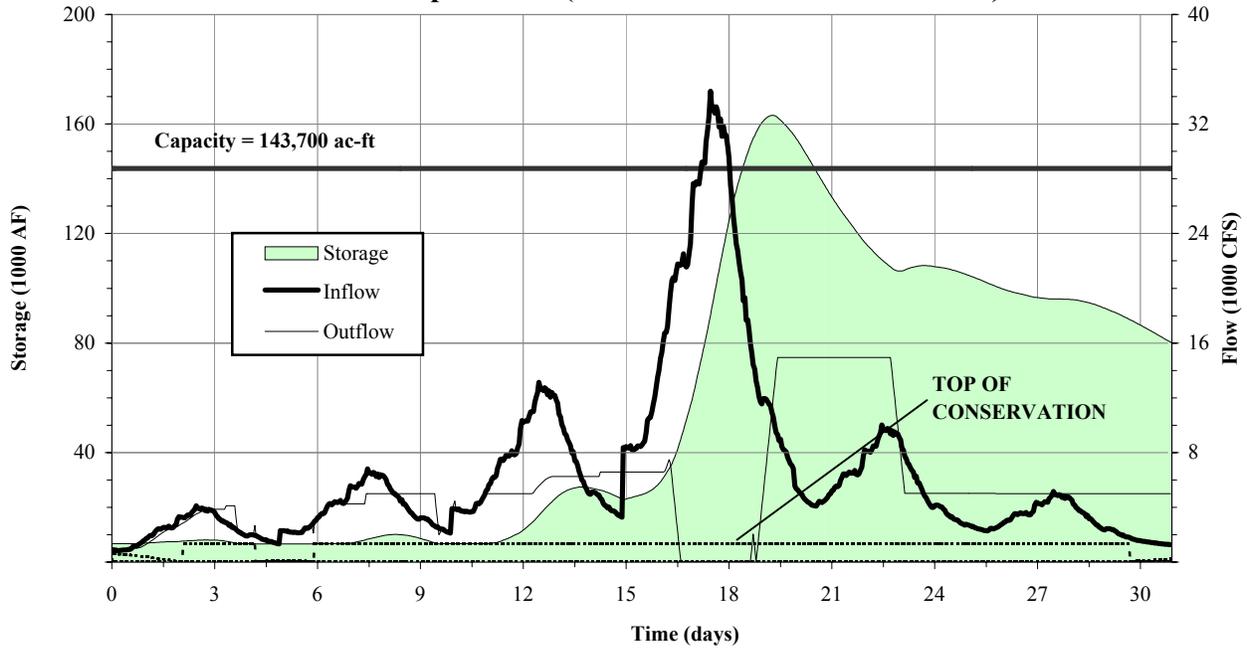


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-2a Reservoir Simulation Hydrographs Black Butte (50% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

STONY CREEK
Black Butte Inflow (10% Chance Exceedence Event)
 Regulated and Unregulated Inflow



Black Butte Operations (10% Chance Exceedence Event)

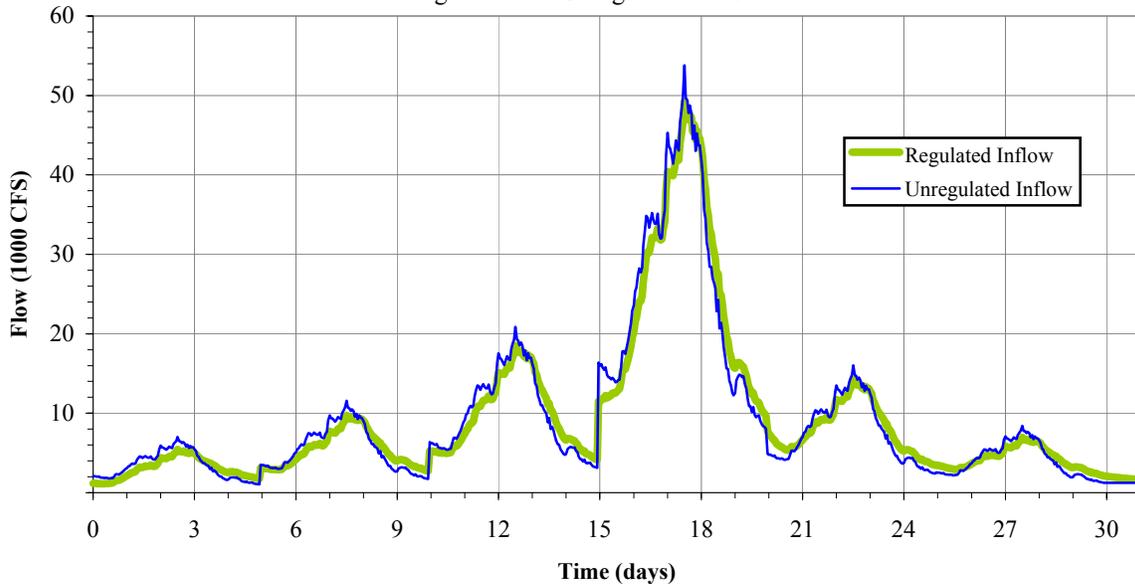


Sacramento & San Joaquin River Basins
 Comprehensive Study

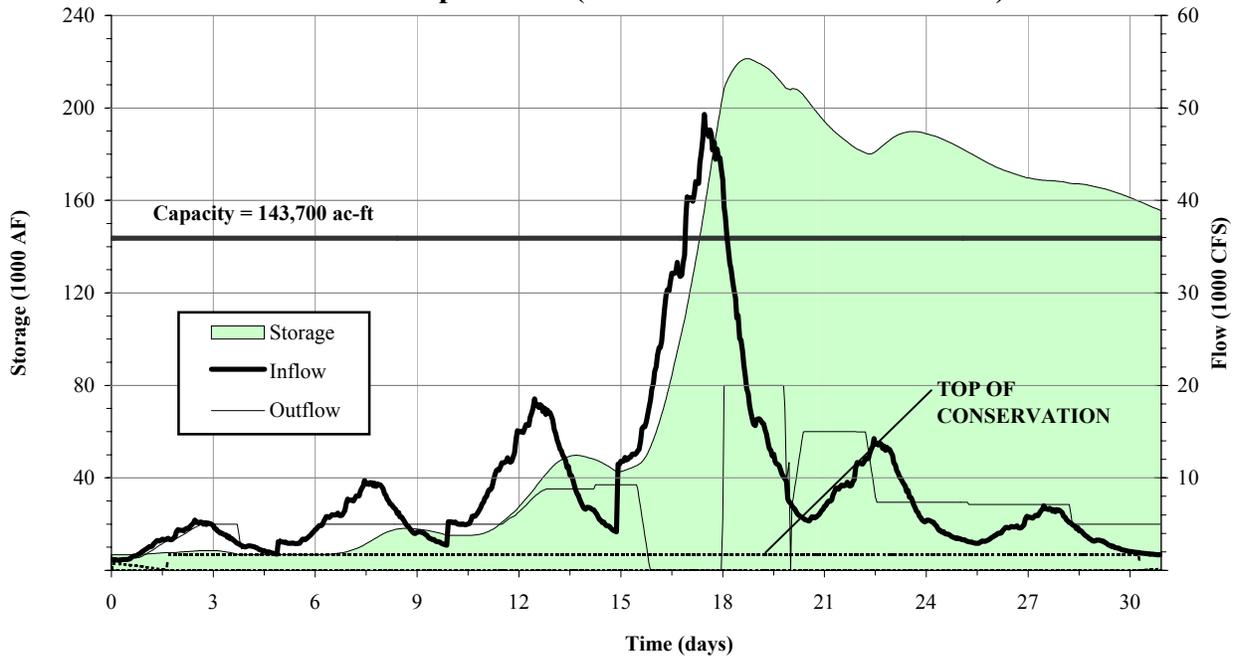
Figure C.1-2b
 Reservoir Simulation Hydrographs
 Black Butte
 (10% Chance Exceedence Event)

US Army Corps of Engineers
 The Reclamation Board, State of California December 2002

STONY CREEK
Black Butte Inflow (4% Chance Exceedence Event)
 Regulated and Unregulated Inflow

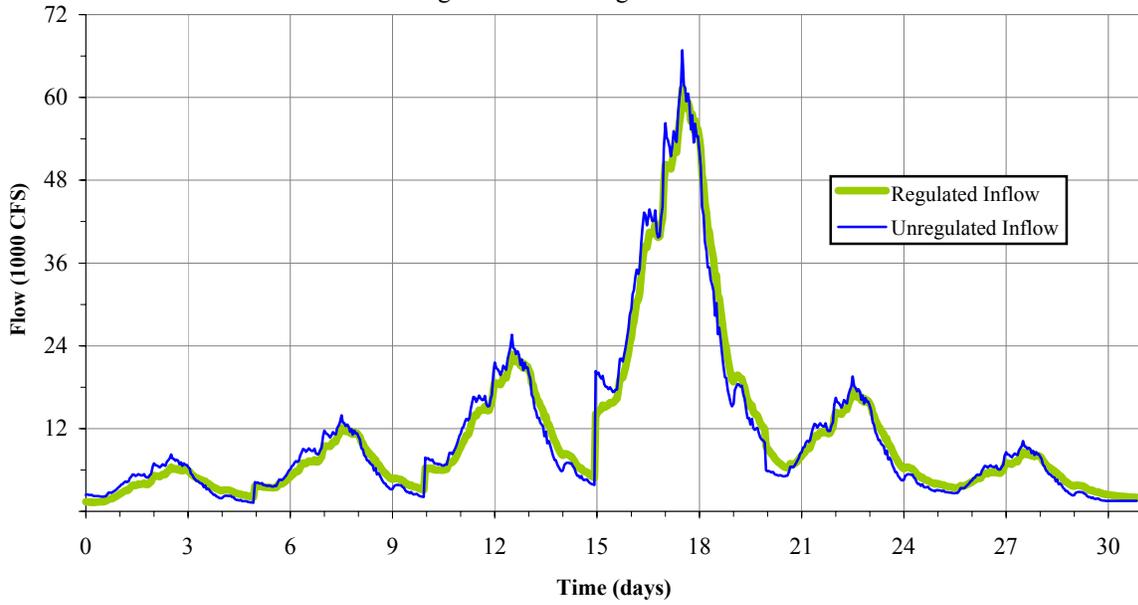


Black Butte Operations (4% Chance Exceedence Event)

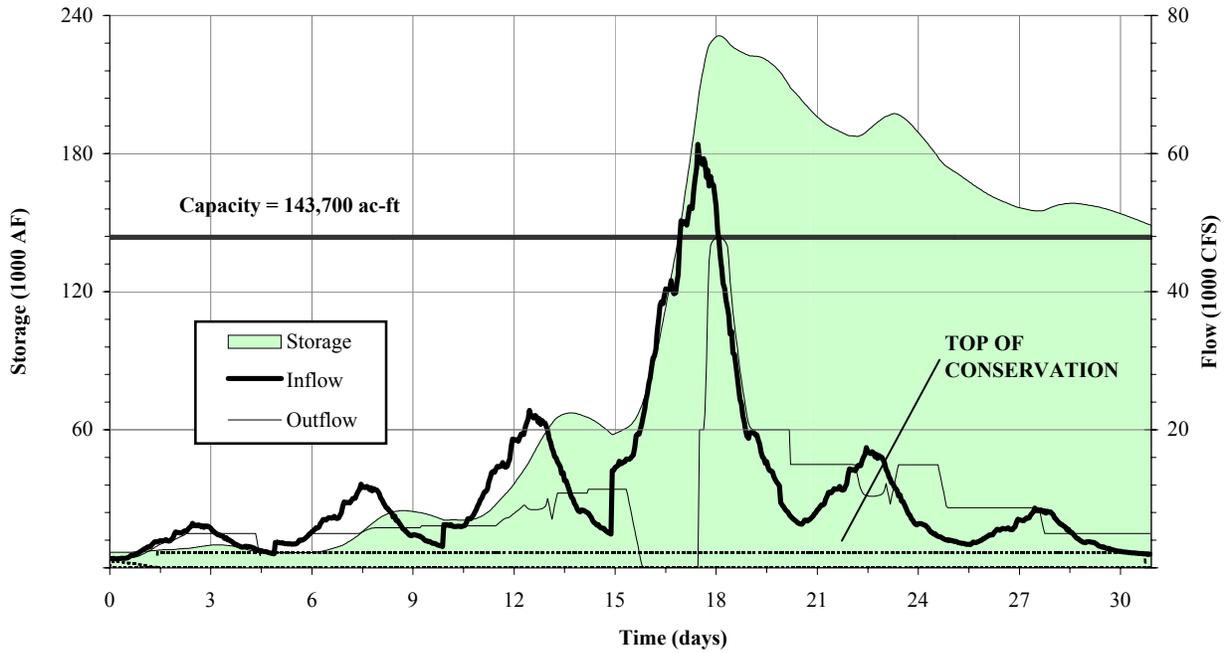


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-2c Reservoir Simulation Hydrographs Black Butte (4% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

STONY CREEK
Black Butte Inflow (2% Chance Exceedence Event)
 Regulated and Unregulated Inflow

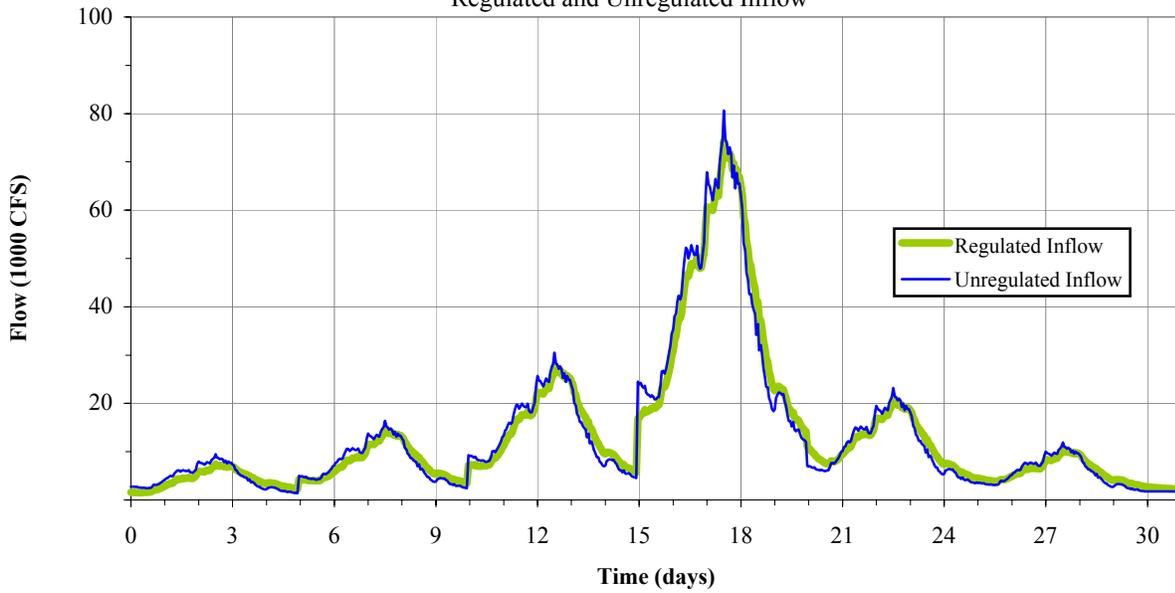


Black Butte Operations (2% Chance Exceedence Event)

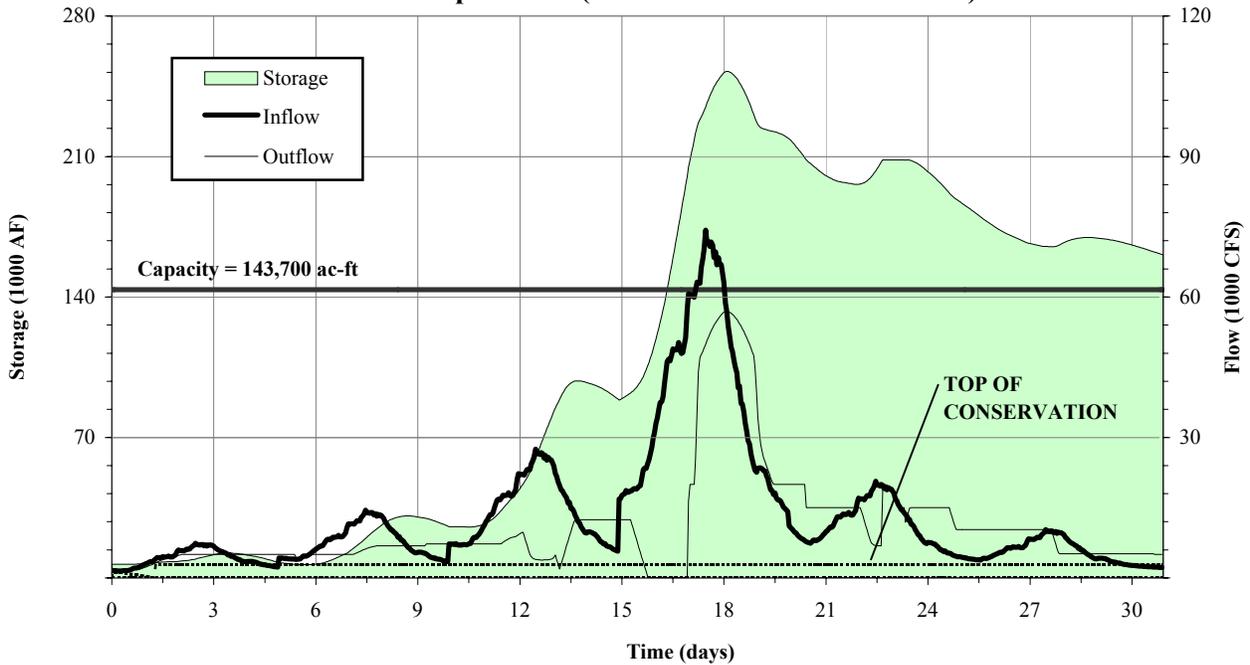


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-2d Reservoir Simulation Hydrographs Black Butte (2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

STONY CREEK
Black Butte Inflow (1% Chance Exceedence Event)
 Regulated and Unregulated Inflow



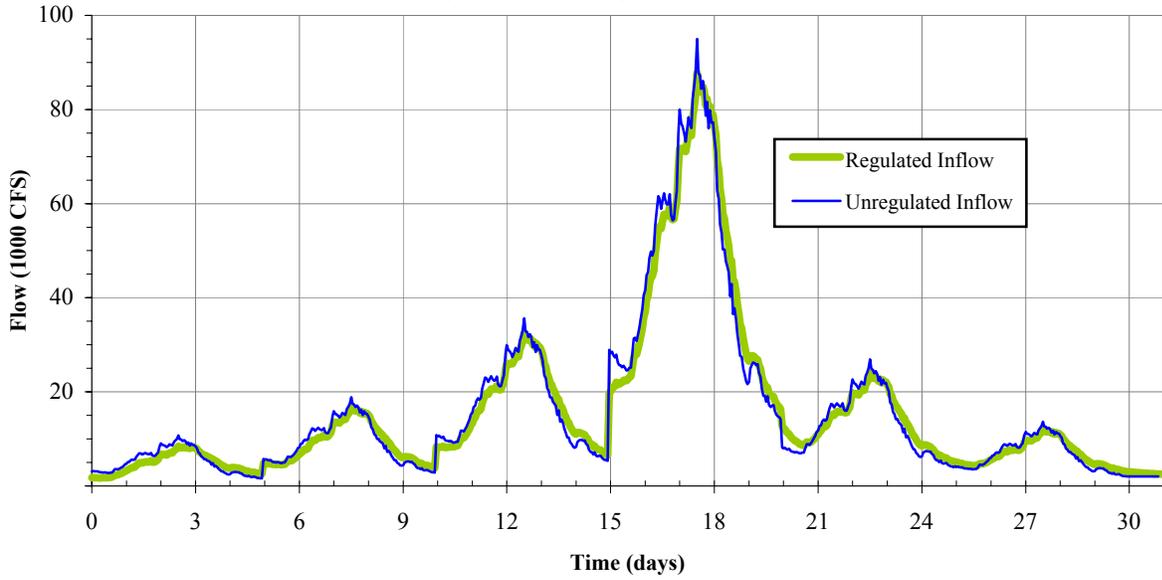
Black Butte Operations (1% Chance Exceedence Event)



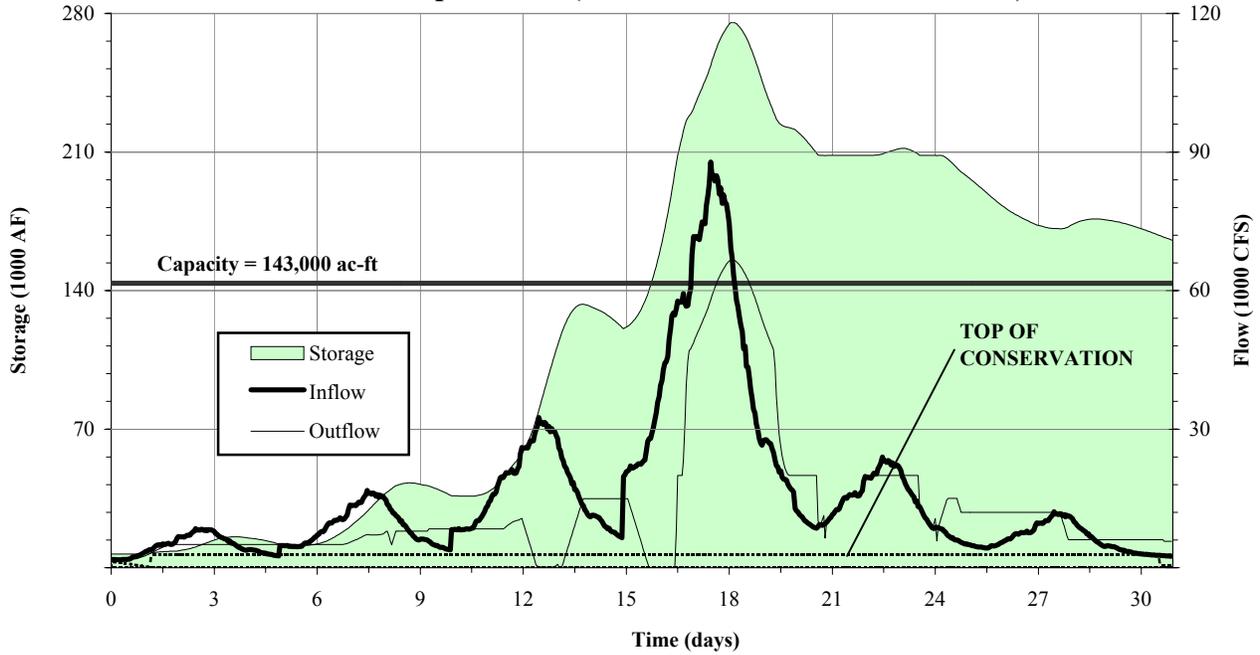
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-2e Reservoir Simulation Hydrographs Black Butte (1% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

STONY CREEK
Black Butte Inflow (0.5% Chance Exceedence Event)

Regulated and Unregulated Inflow

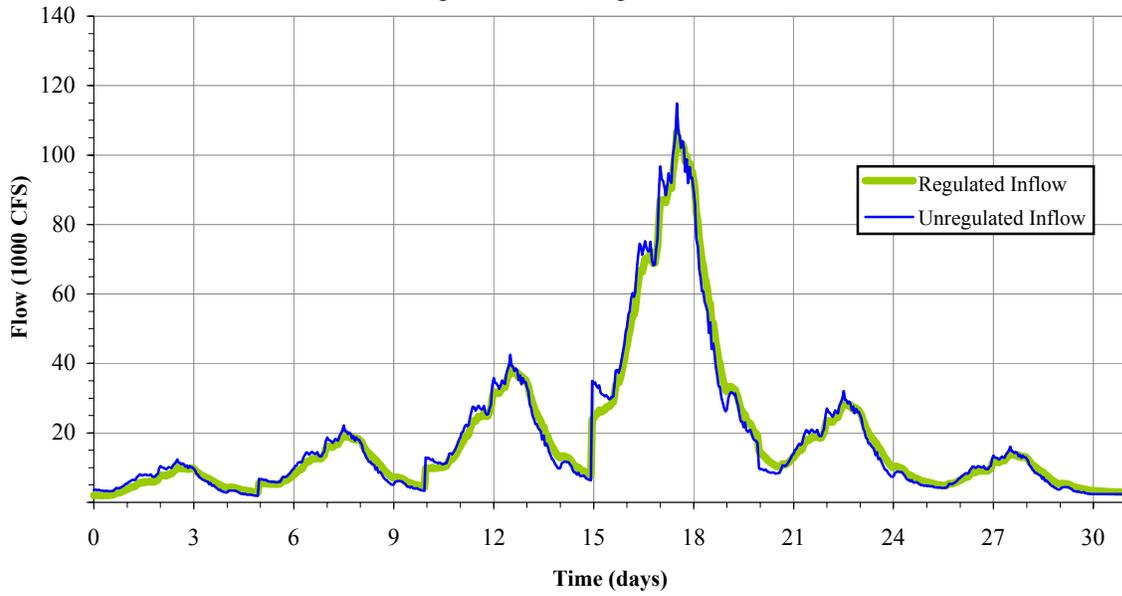


Black Butte Operations (0.5% Chance Exceedence Event)

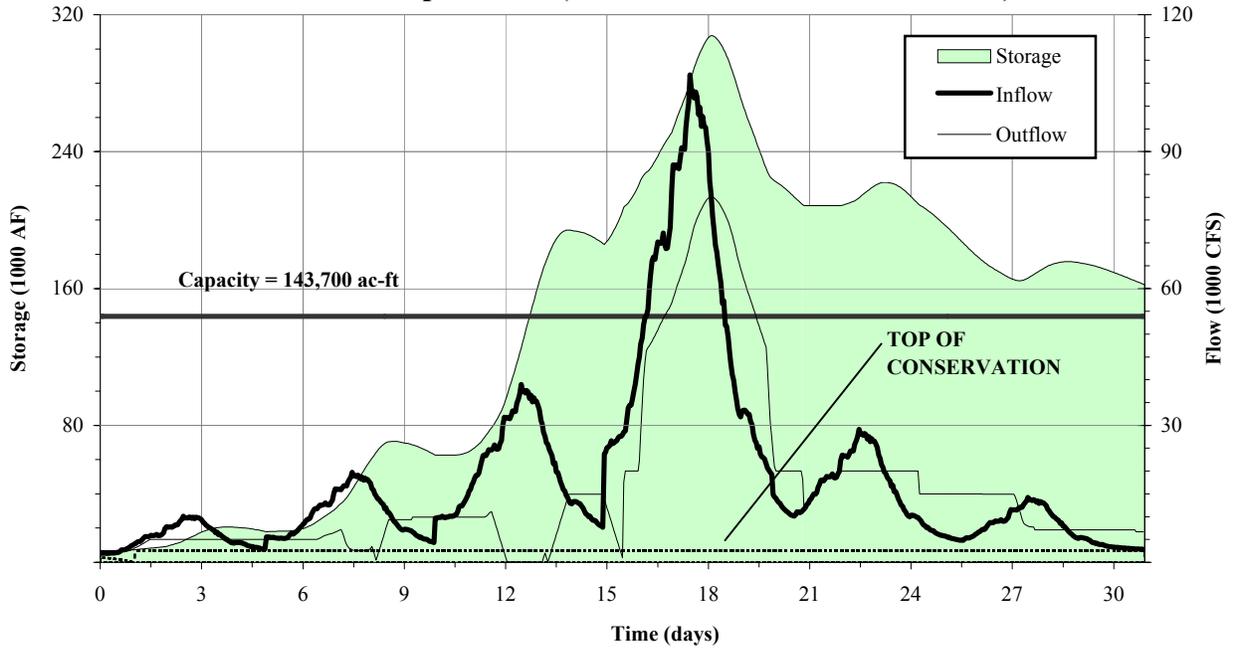


Sacramento & San Joaquin River Basins Comprehensive Study	
Figure C.1-2f Reservoir Simulation Hydrographs Black Butte (0.5% Chance Exceedence Event)	
US Army Corps of Engineers The Reclamation Board, State of California	December 2002

STONY CREEK
Black Butte Inflow (0.2% Chance Exceedence Event)
 Regulated and Unregulated Inflow



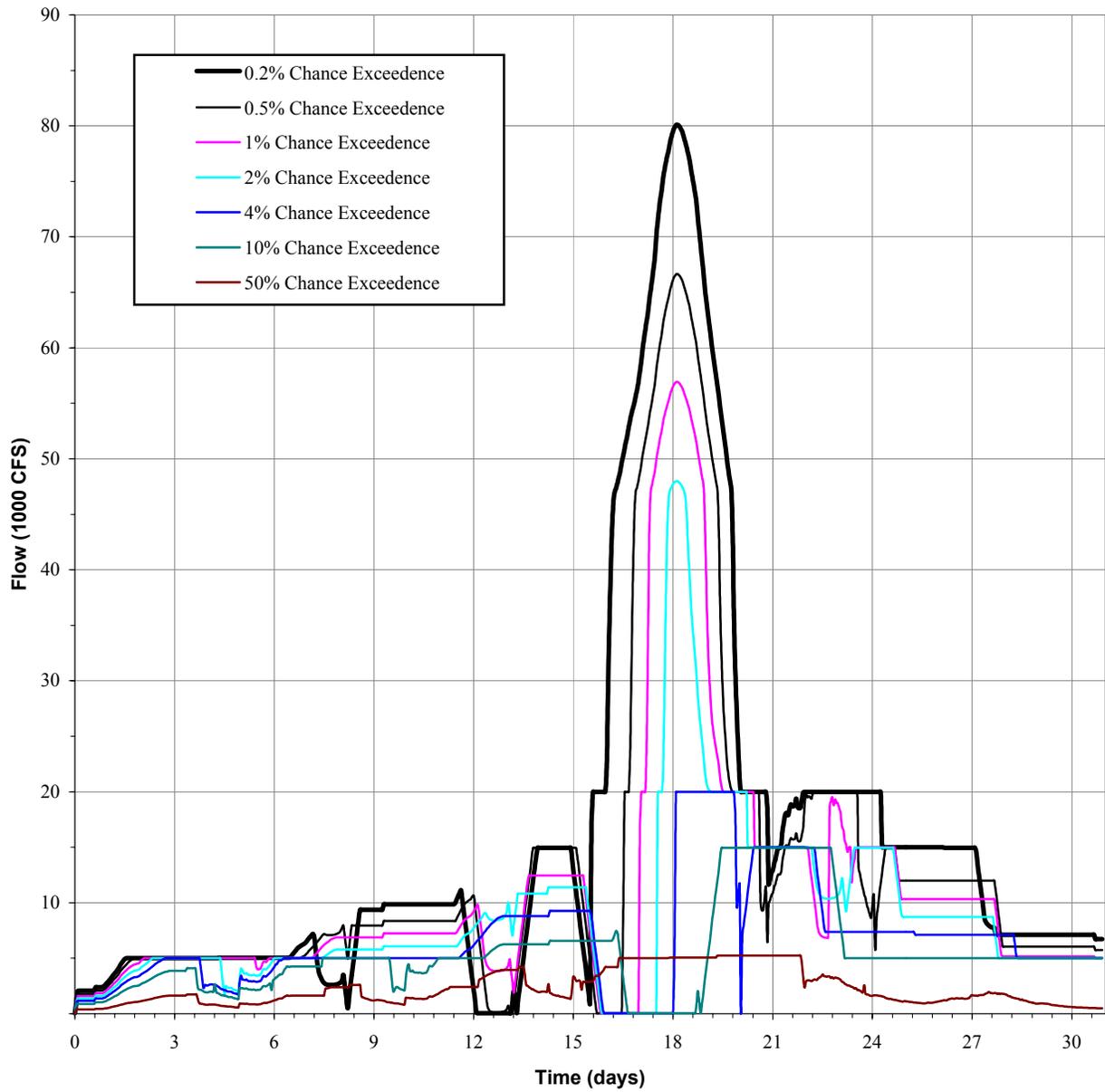
Black Butte Operations (0.2% Chance Exceedence Event)



Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-2g Reservoir Simulation Hydrographs Black Butte (0.2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

BLACK BUTTE OUTFLOW

Regulated Outflow Hydrographs



Sacramento & San Joaquin River Basins
Comprehensive Study

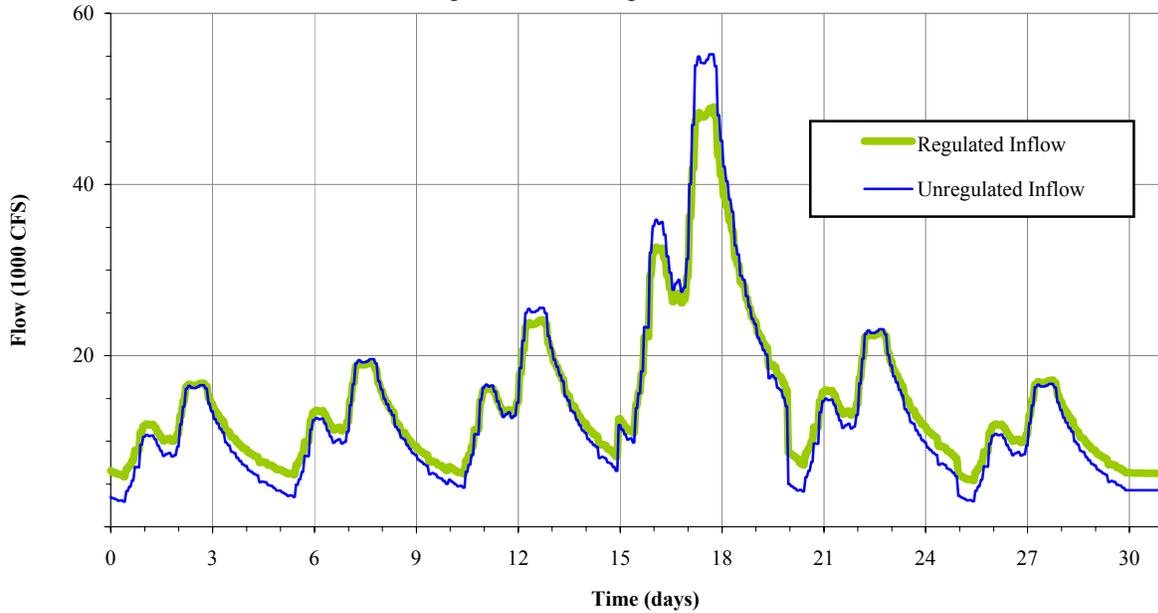
Figure C.1-2h
Reservoir Simulation Hydrographs
Regulated Outflow - Black Butte

US Army Corps of Engineers

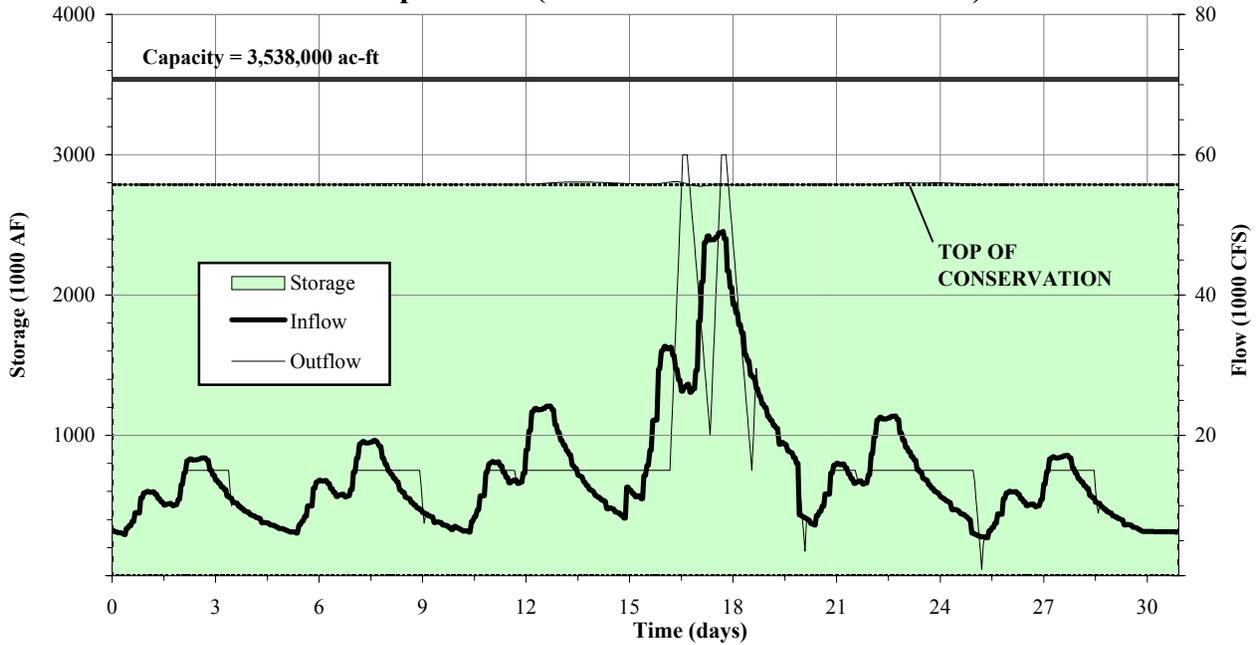
The Reclamation Board, State of California

December 2002

FEATHER RIVER
Oroville Inflow (50% Chance Exceedence Event)
 Regulated and Unregulated Inflow

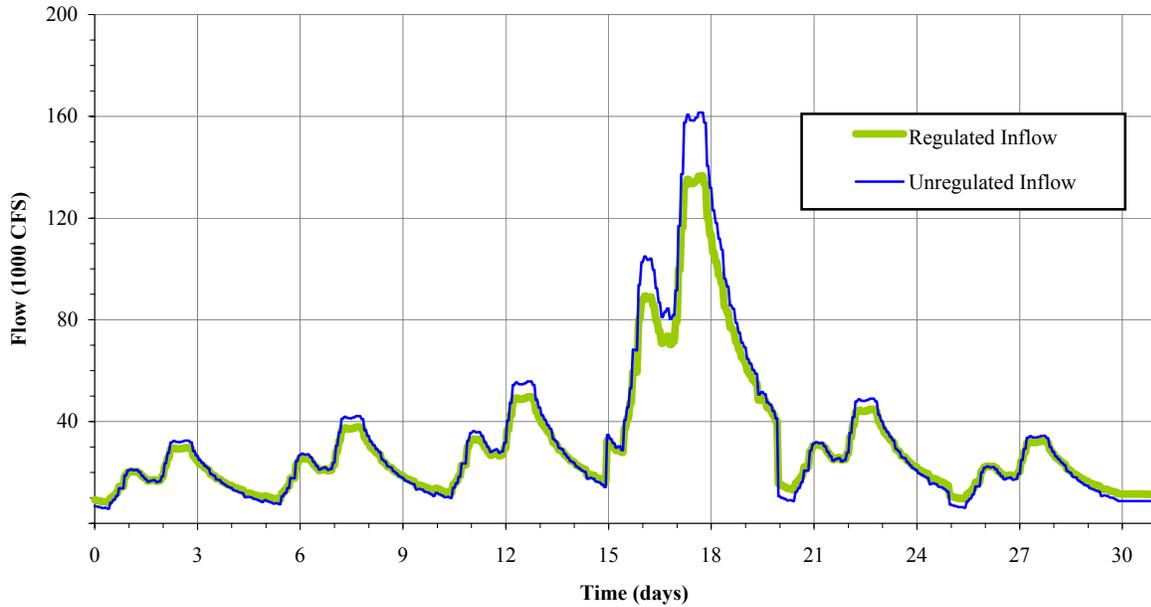


Oroville Operations (50% Chance Exceedence Event)

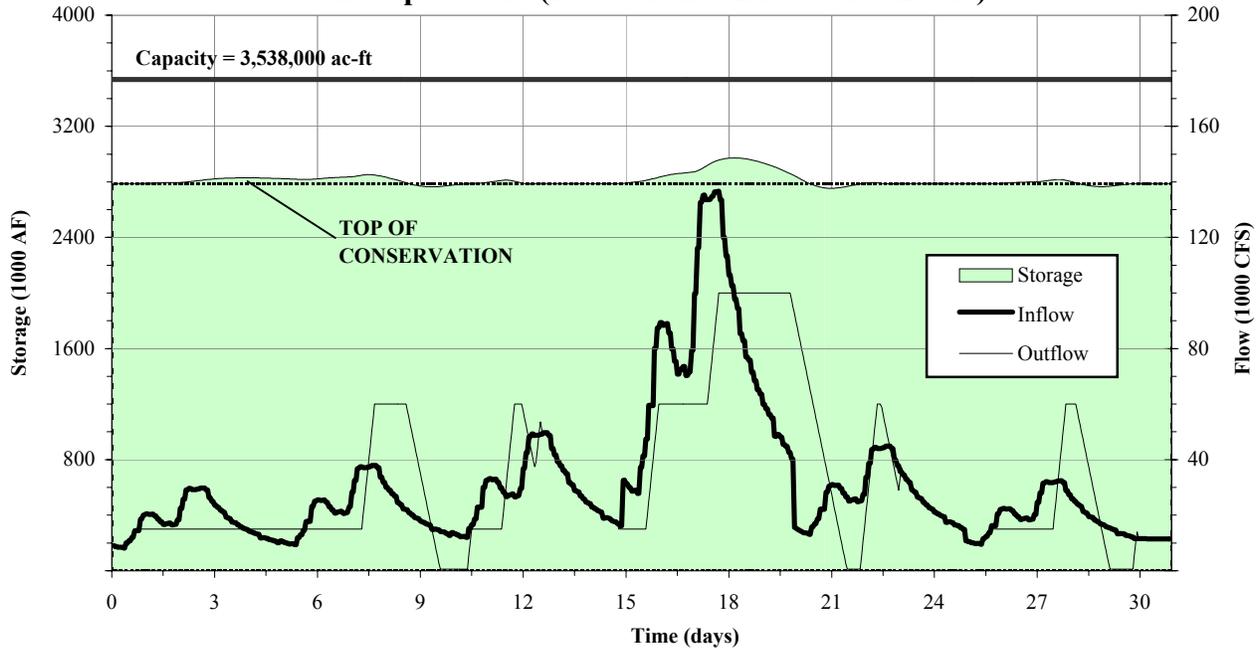


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-3a Reservoir Simulation Hydrographs Oroville (50% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

FEATHER RIVER
Oroville Inflow (10% Chance Exceedence Event)
 Regulated and Unregulated Inflow

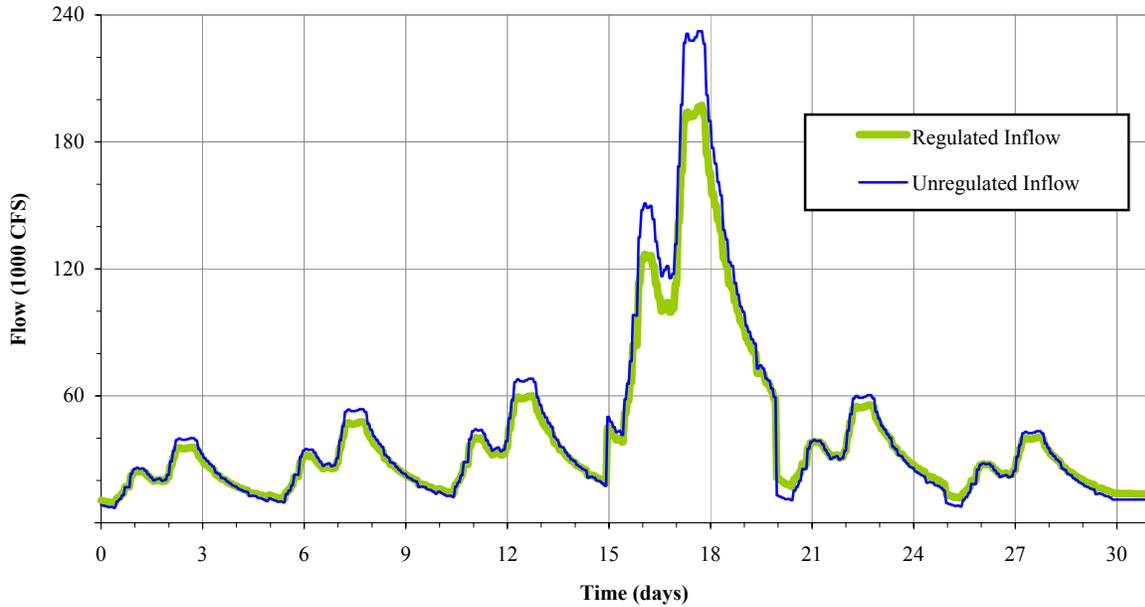


Oroville Operations (10% Chance Exceedence Event)

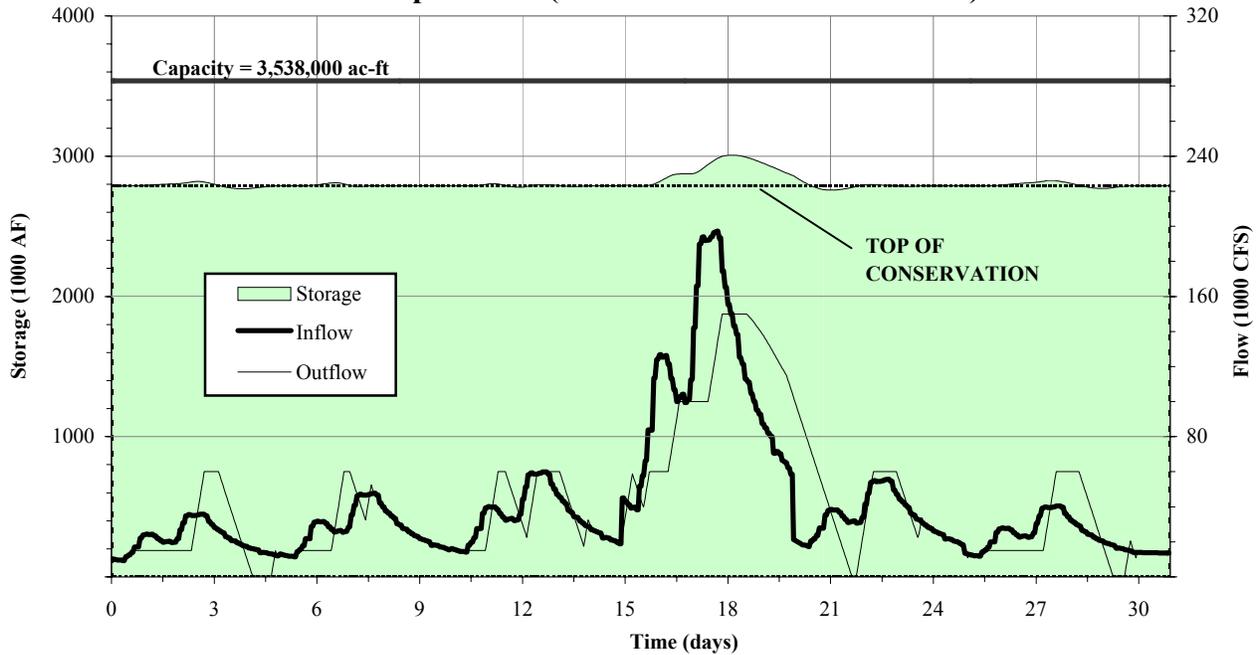


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-3b Reservoir Simulation Hydrographs Oroville (10% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

FEATHER RIVER
Oroville Inflow (4% Chance Exceedence Event)
 Regulated and Unregulated Inflow

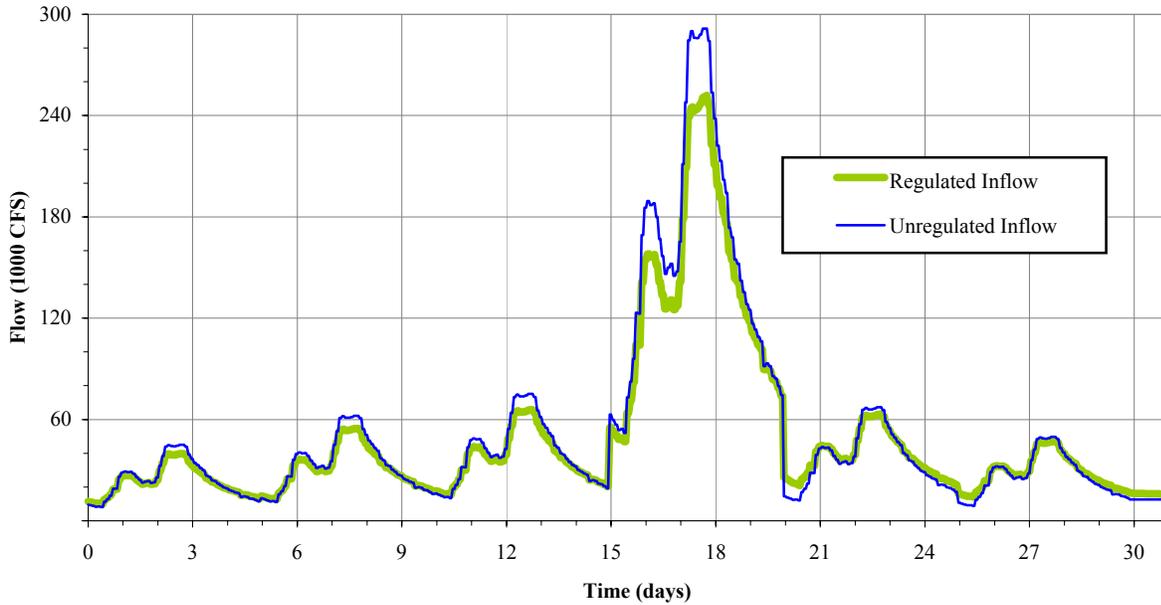


Oroville Operations (4% Chance Exceedence Event)

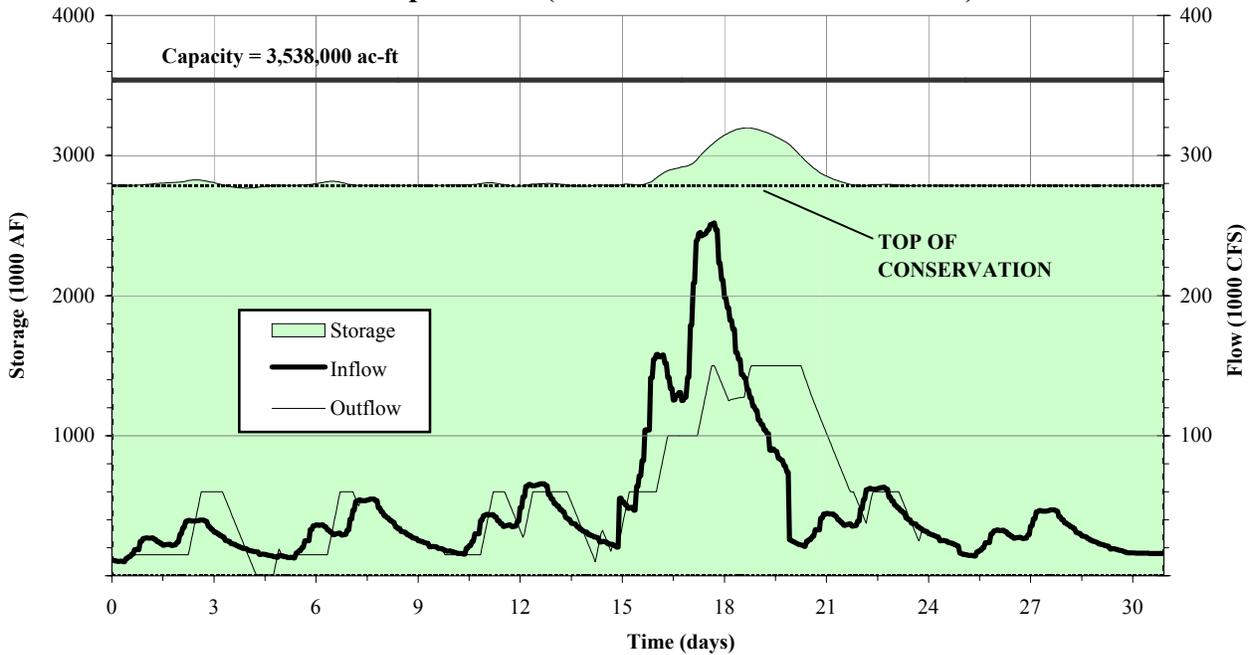


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-3c Reservoir Simulation Hydrographs Oroville (4% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

FEATHER RIVER
Oroville Inflow (2% Chance Exceedence Event)
 Regulated and Unregulated Inflow

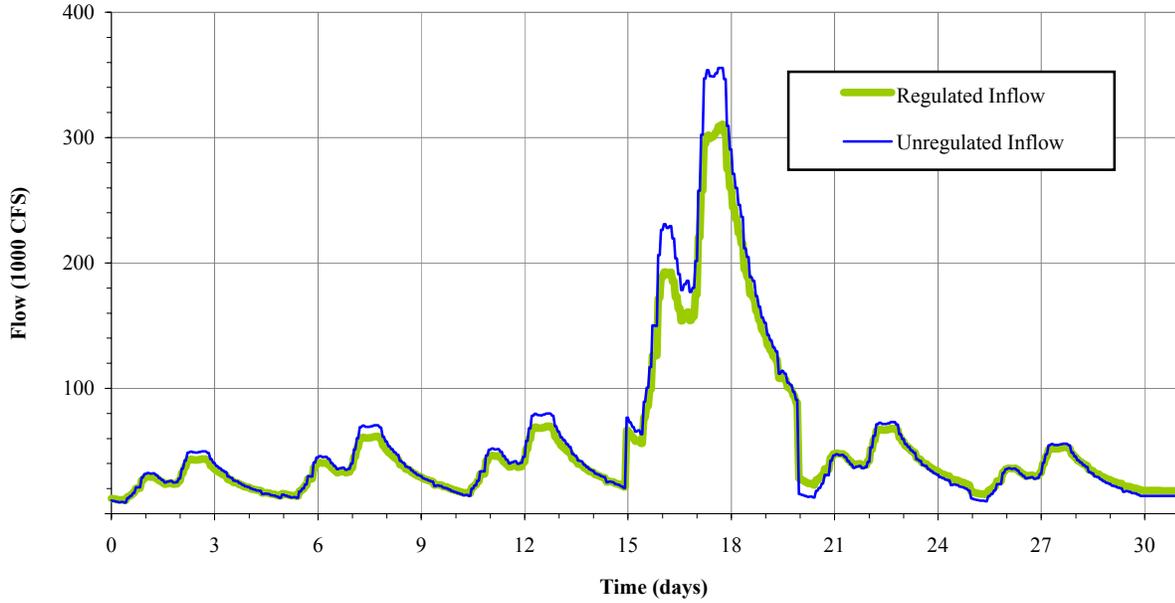


Oroville Operations (2% Chance Exceedence Event)

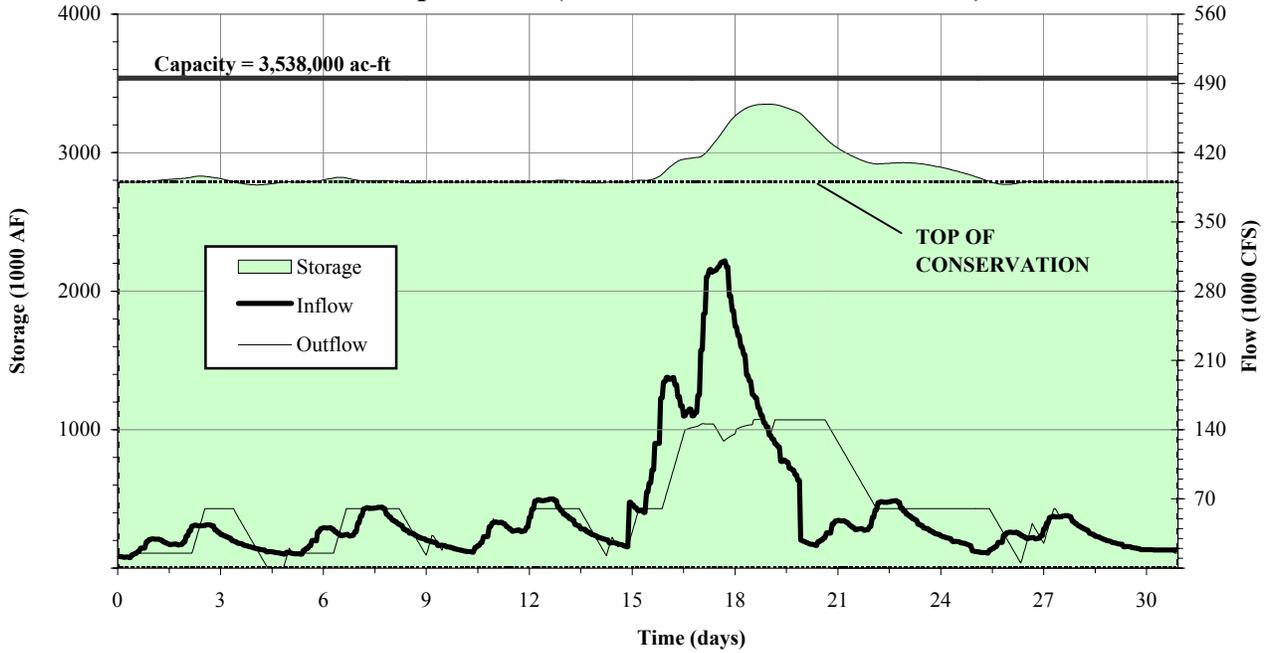


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-3d Reservoir Simulation Hydrographs Oroville (2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

FEATHER RIVER
Oroville Inflow (1% Chance Exceedence Event)
 Regulated and Unregulated Inflow

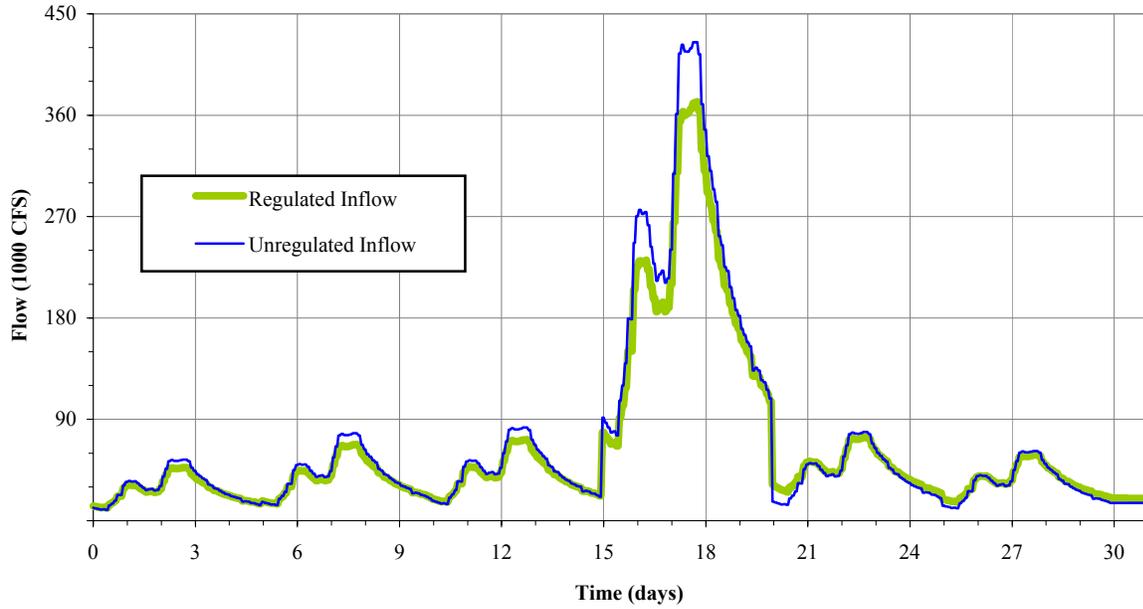


Oroville Operations (1% Chance Exceedence Event)

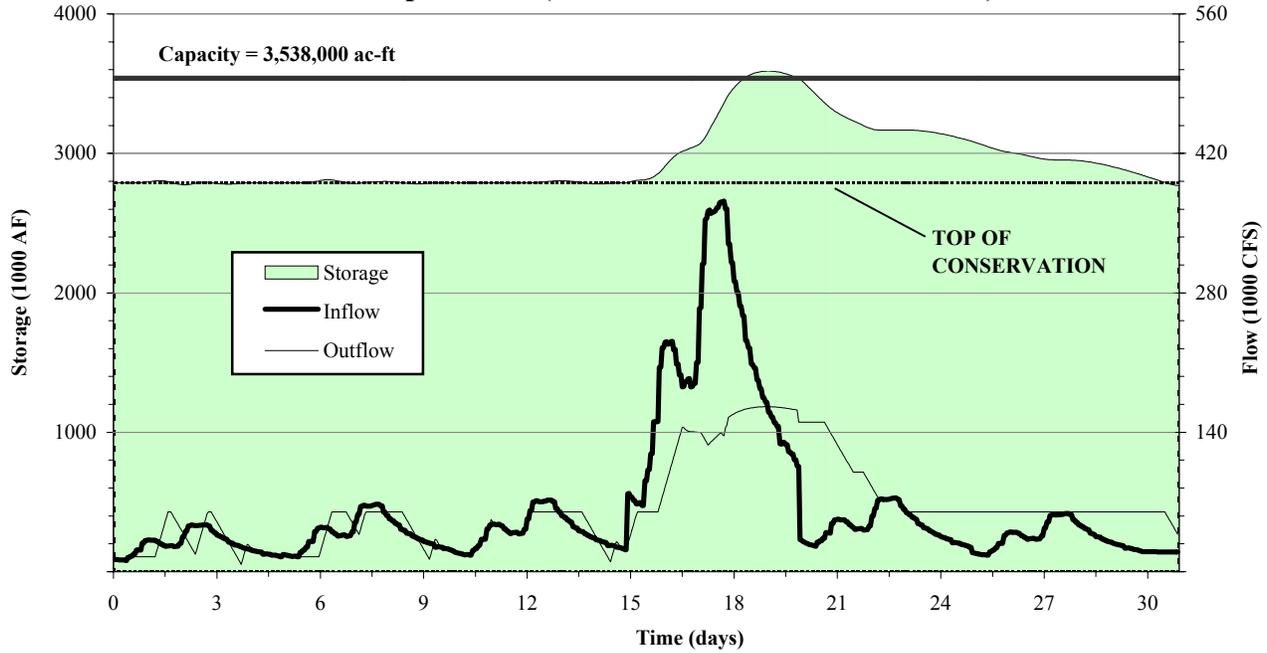


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-3e Reservoir Simulation Hydrographs Oroville (1% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

FEATHER RIVER
Oroville Inflow (0.5% Chance Exceedence Event)
 Regulated and Unregulated Inflow

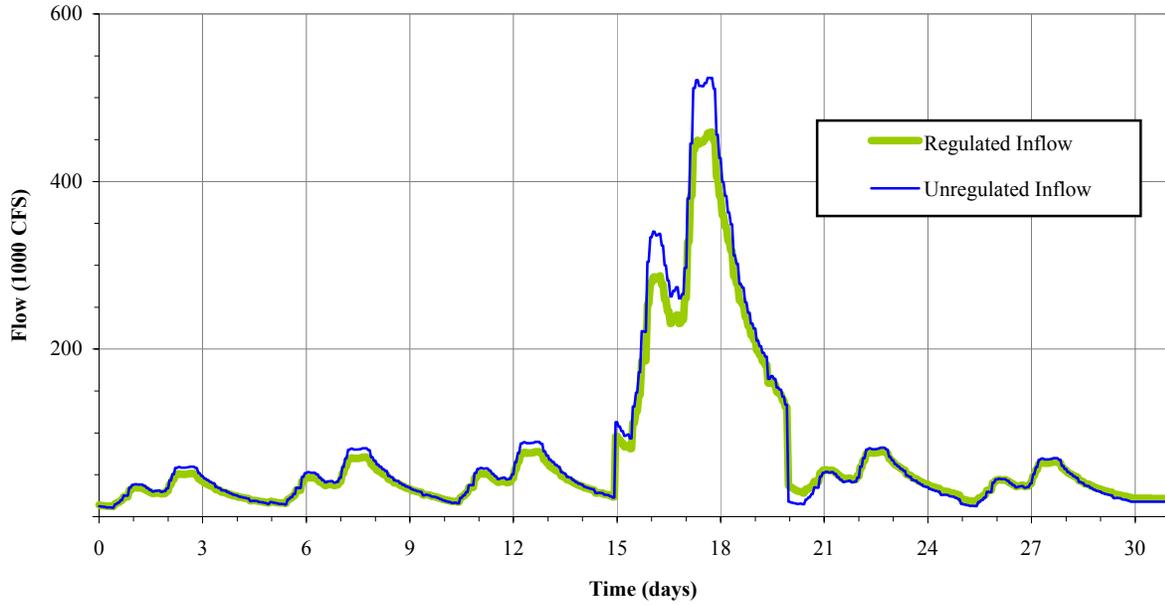


Oroville Operations (0.5% Chance Exceedence Event)

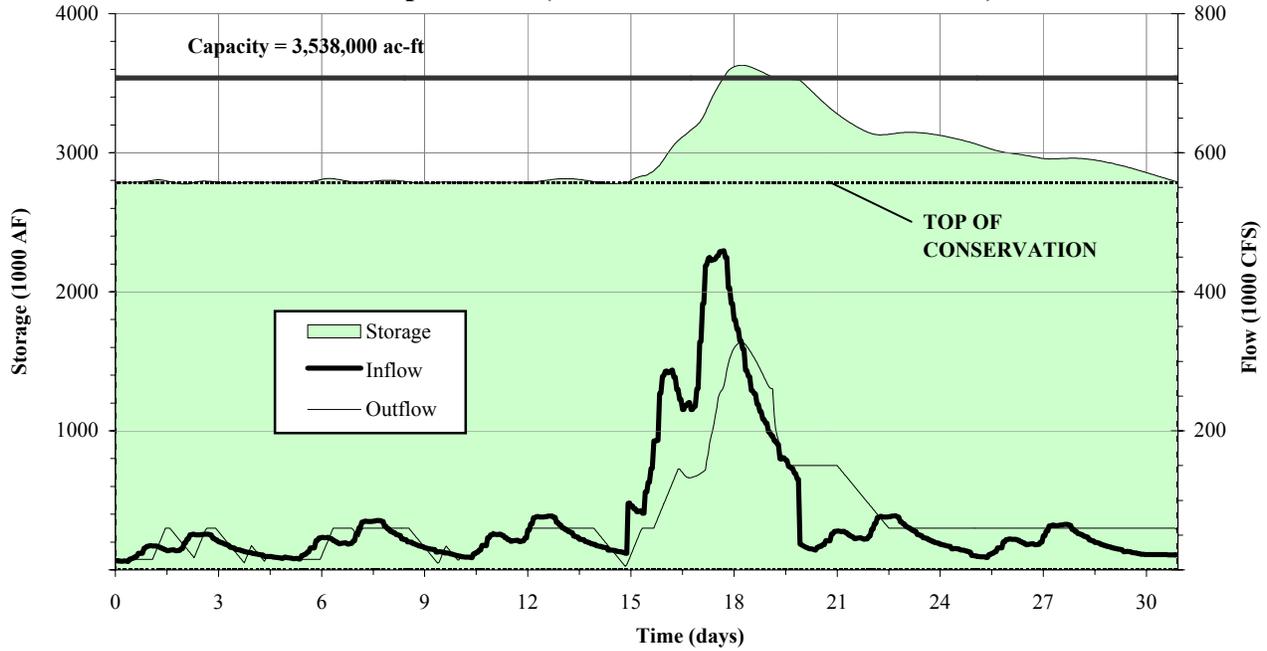


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-3f Reservoir Simulation Hydrographs Oroville (0.5% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

FEATHER RIVER
Oroville Inflow (0.2% Chance Exceedence Event)
 Regulated and Unregulated Inflow



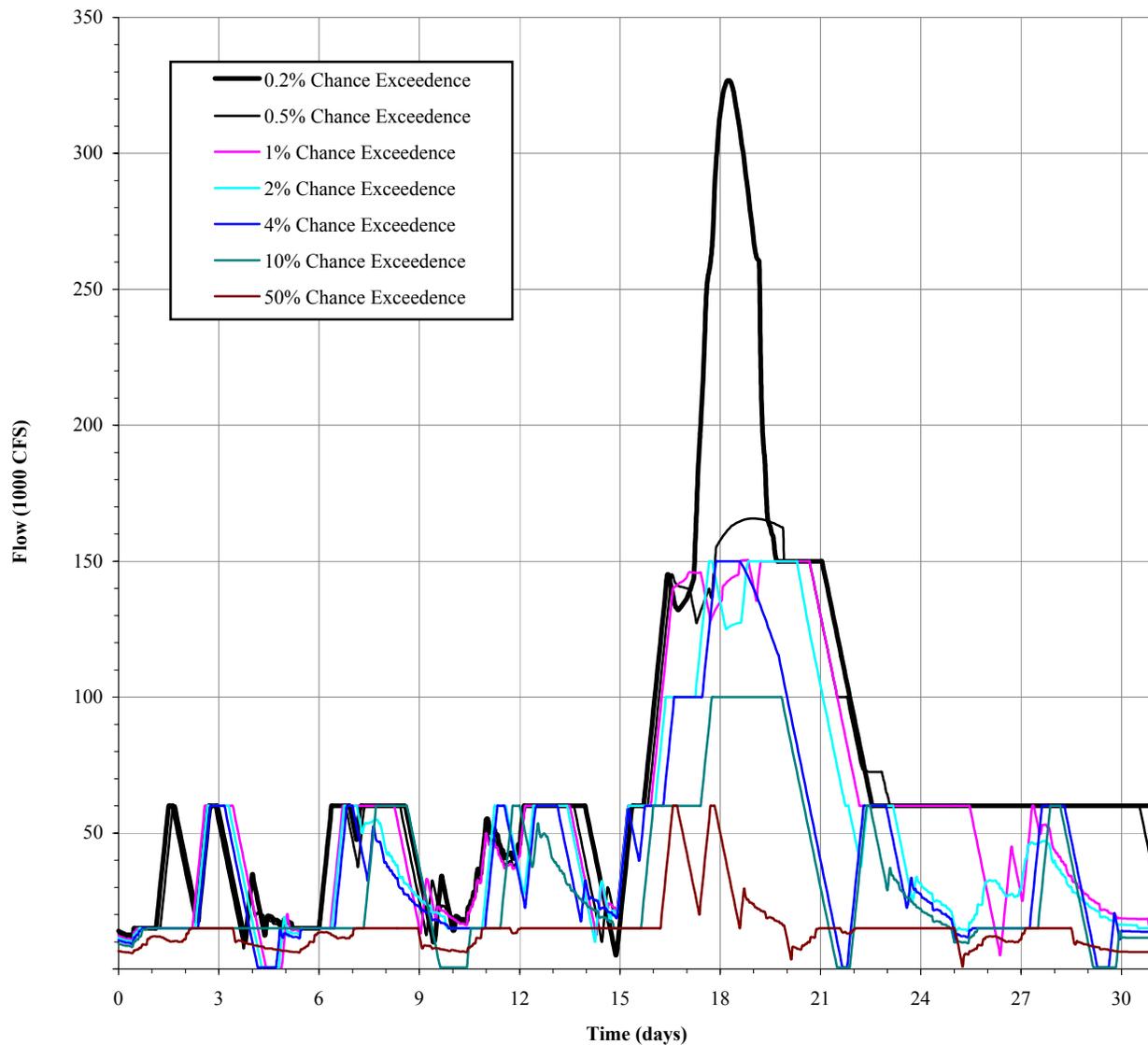
Oroville Operations (0.2% Chance Exceedence Event)



Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-3g Reservoir Simulation Hydrographs Oroville (0.2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

OROVILLE OUTFLOW

Regulated Outflow Hydrographs



Sacramento & San Joaquin River Basins
Comprehensive Study

Figure C.1-3h
Reservoir Simulation Hydrographs
Regulated Outflow - Oroville

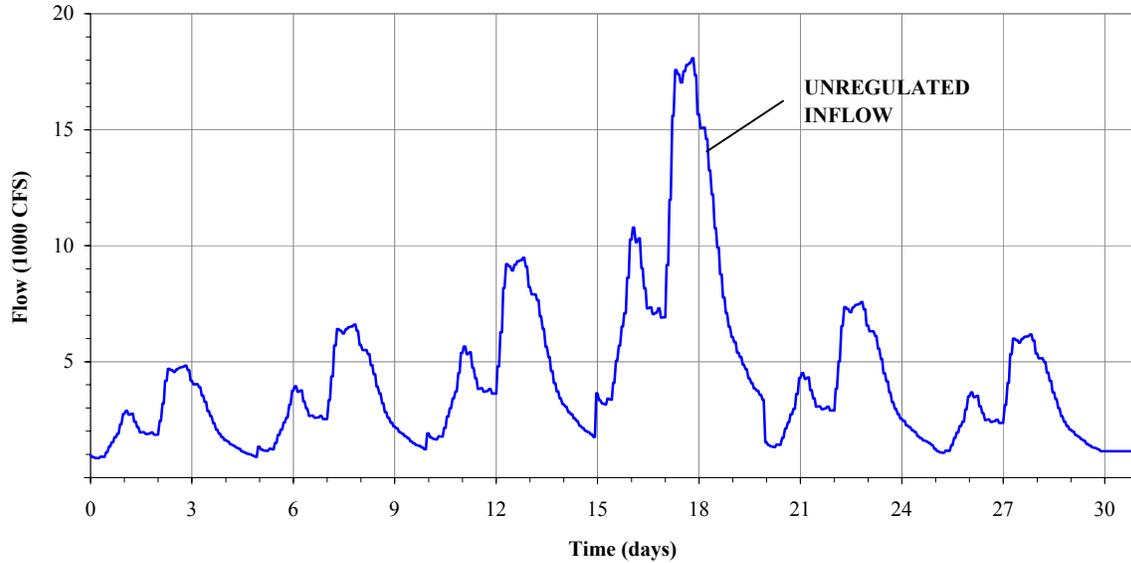
US Army Corps of Engineers
The Reclamation Board, State of California December 2002

NORTH YUBA RIVER

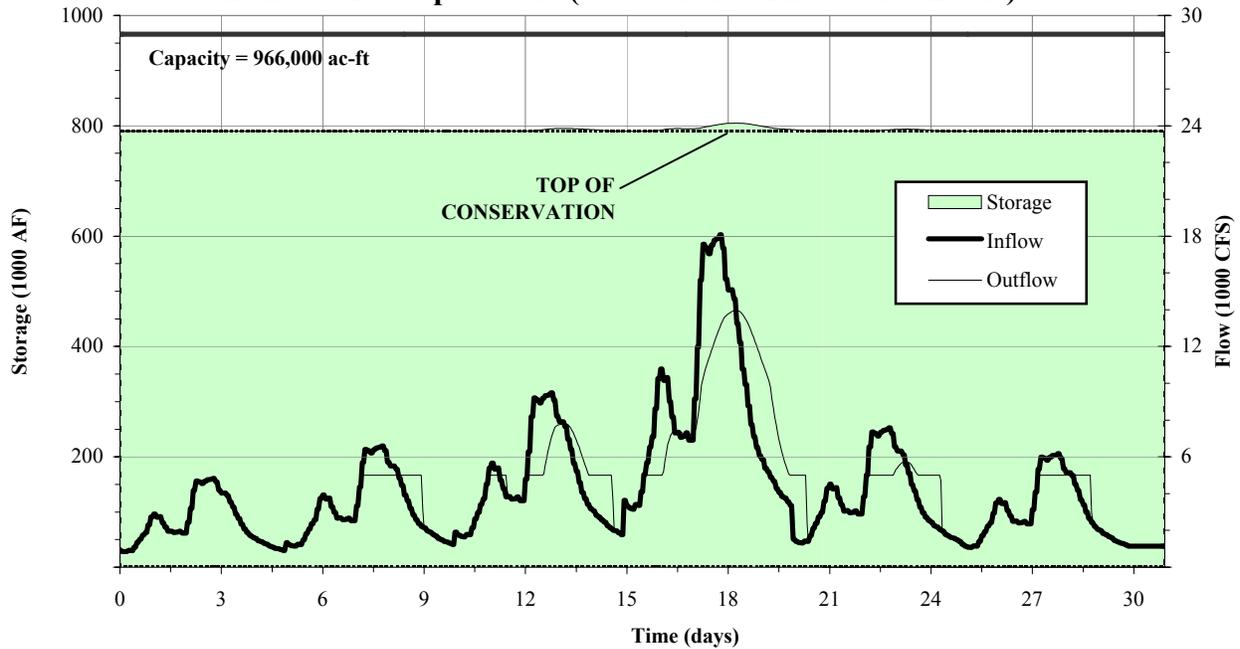
Bullards Bar Inflow (50% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Bullards Bar Operations (50% Chance Exceedence Event)

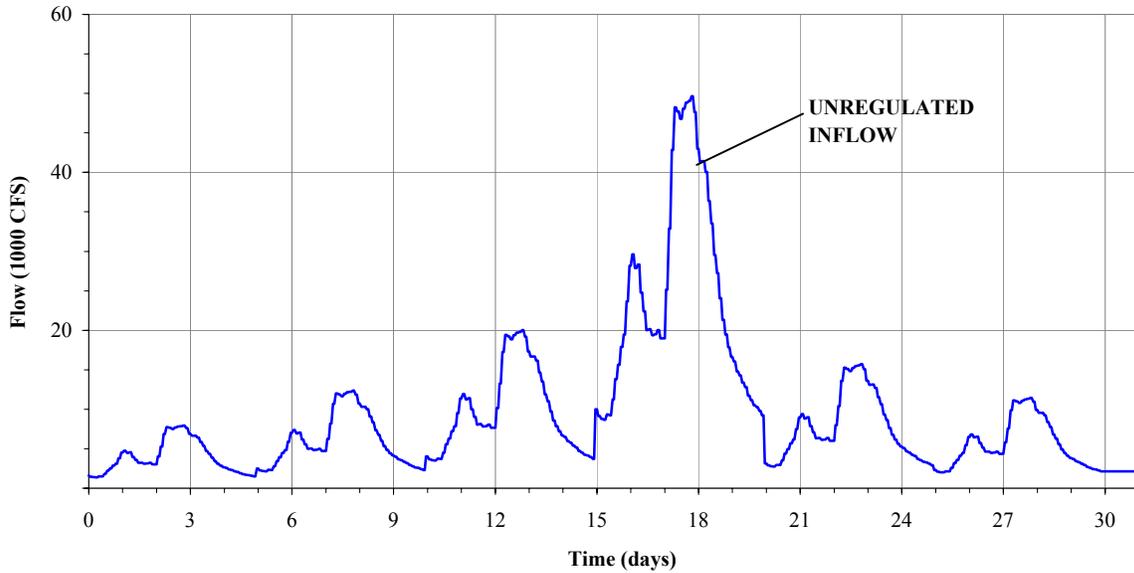


Sacramento & San Joaquin River Basins Comprehensive Study	
Figure C.1-4a Reservoir Simulation Hydrographs Bullards Bar (50% Chance Exceedence Event)	
US Army Corps of Engineers The Reclamation Board, State of California December 2002	

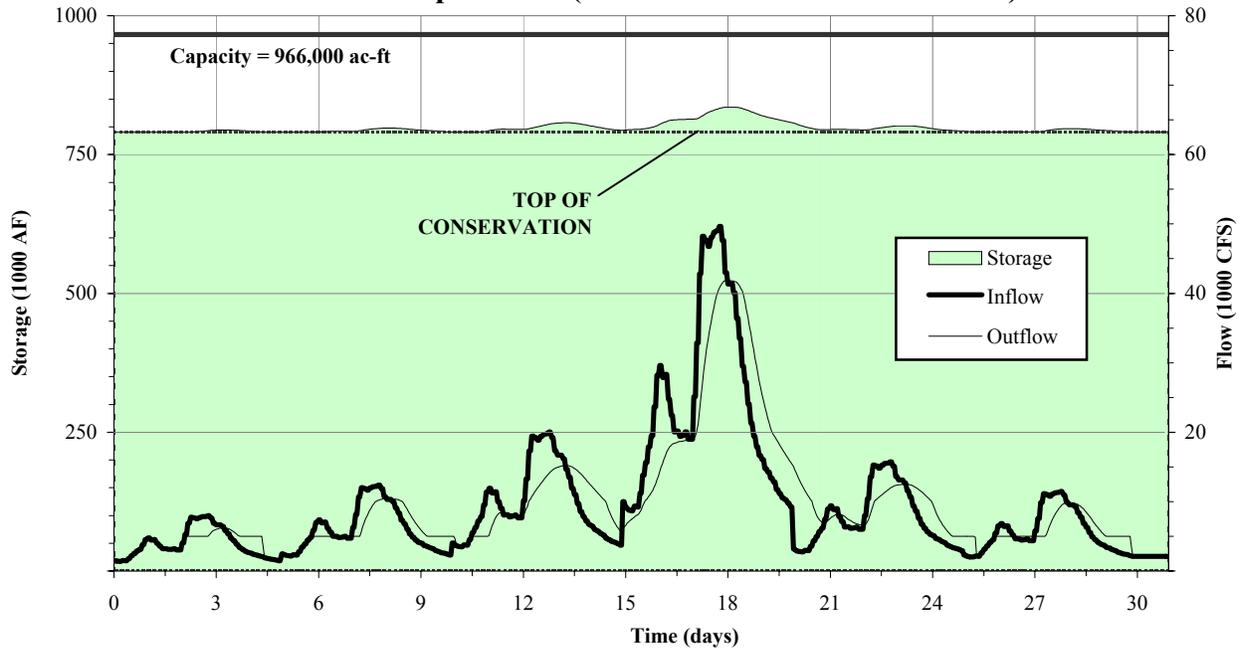
NORTH YUBA RIVER
Bullards Bar Inflow (10% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



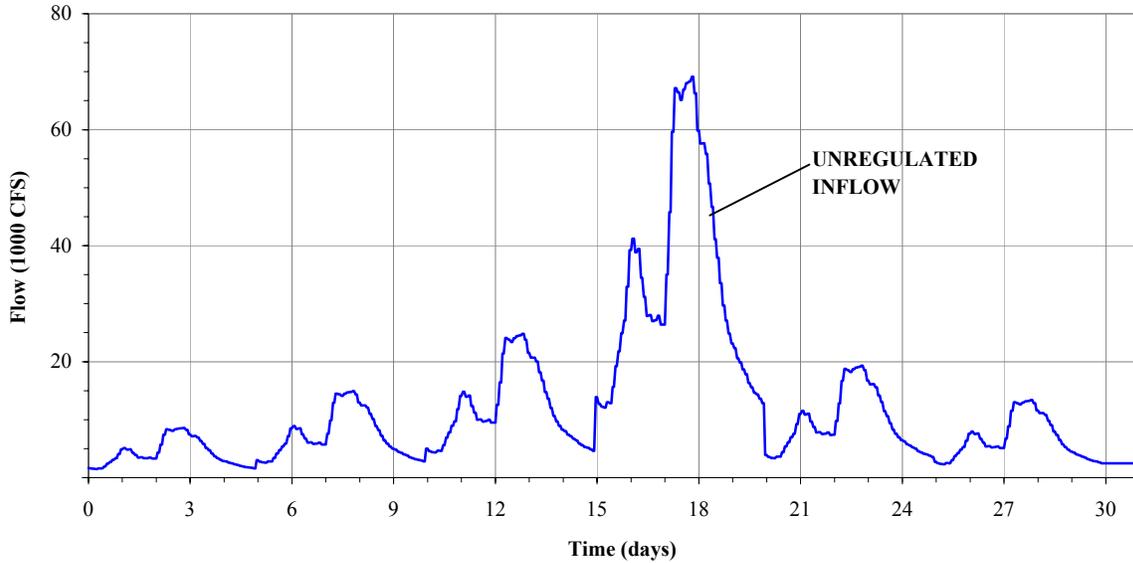
Bullards Bar Operations (10% Chance Exceedence Event)



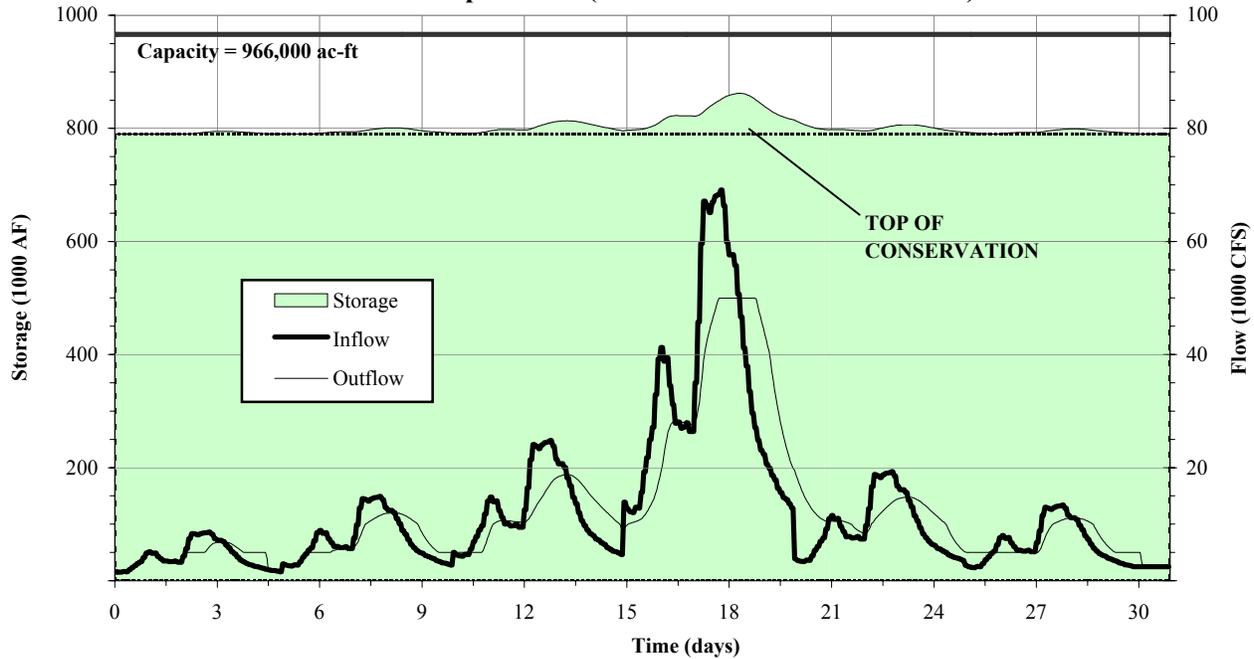
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-4b Reservoir Simulation Hydrographs Bullards Bar (10% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

NORTH YUBA RIVER
Bullards Bar Inflow (4% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Bullards Bar Operations (4% Chance Exceedence Event)



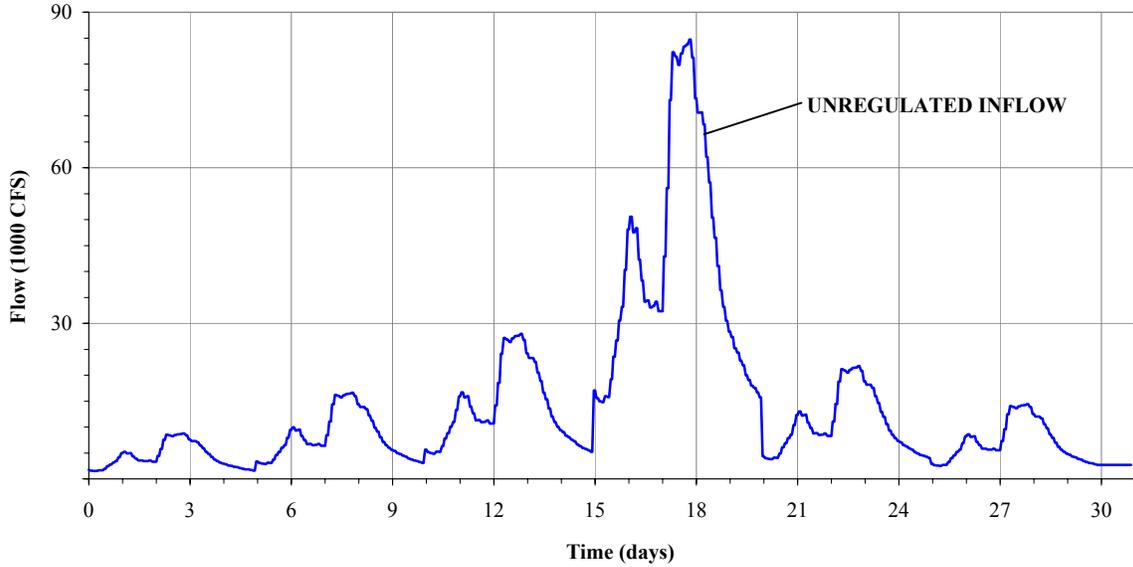
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-4c Reservoir Simulation Hydrographs Bullards Bar (4% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

NORTH YUBA RIVER

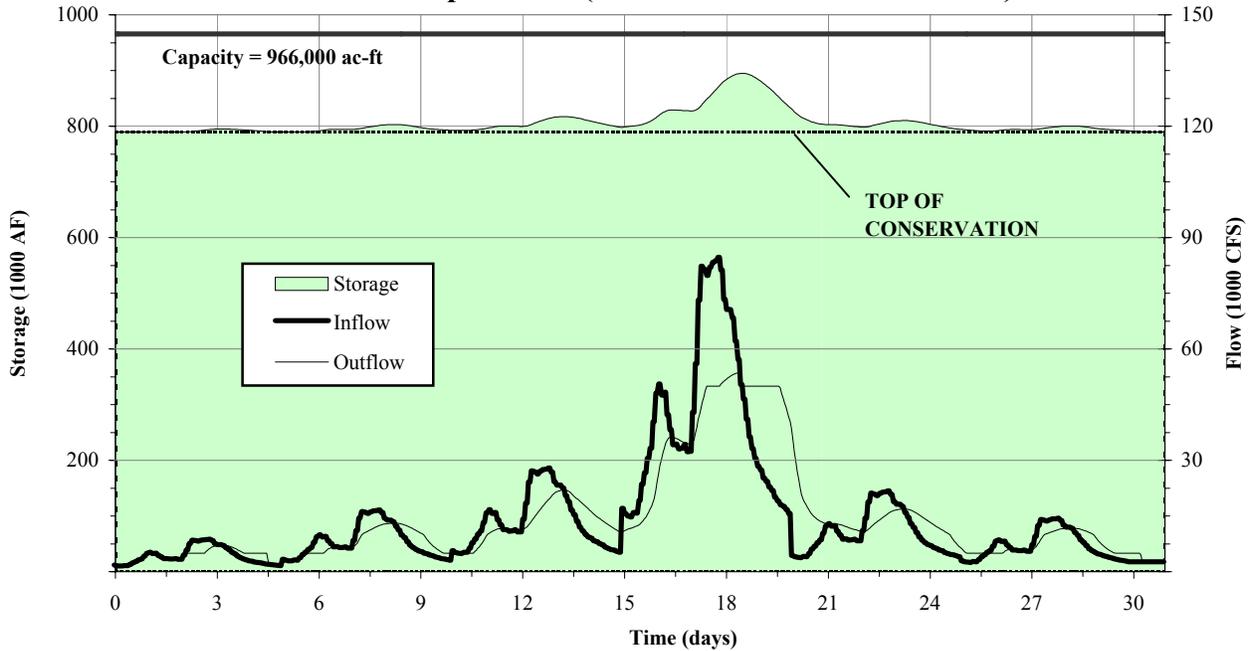
Bullards Bar Inflow (2% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Bullards Bar Operations (2% Chance Exceedence Event)

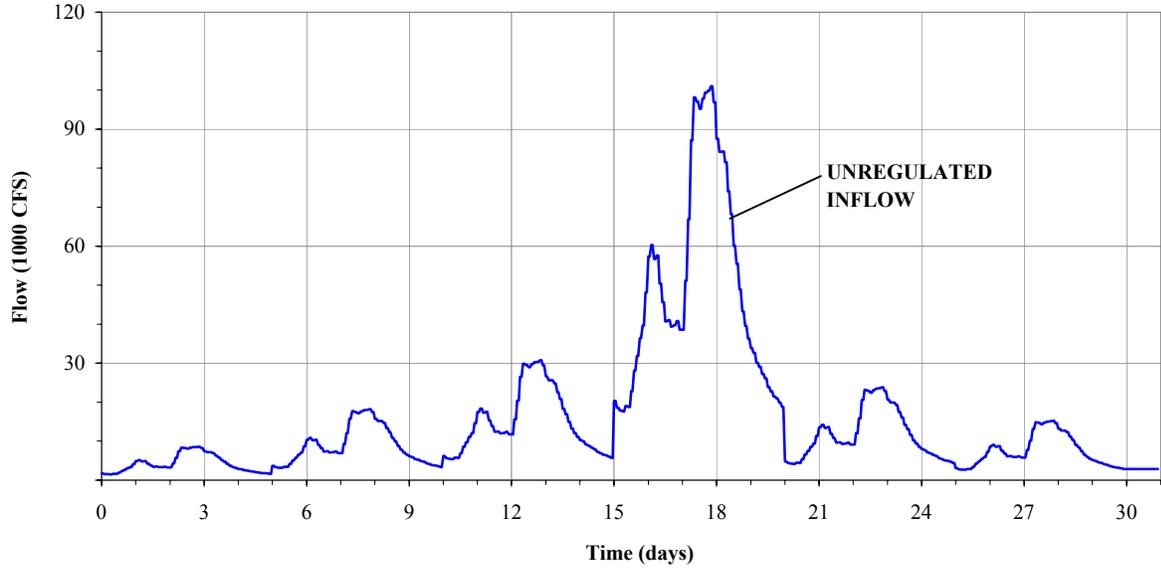


Sacramento & San Joaquin River Basins Comprehensive Study	
Figure C.1-4d Reservoir Simulation Hydrographs Bullards Bar (2% Chance Exceedence Event)	
US Army Corps of Engineers The Reclamation Board, State of California December 2002	

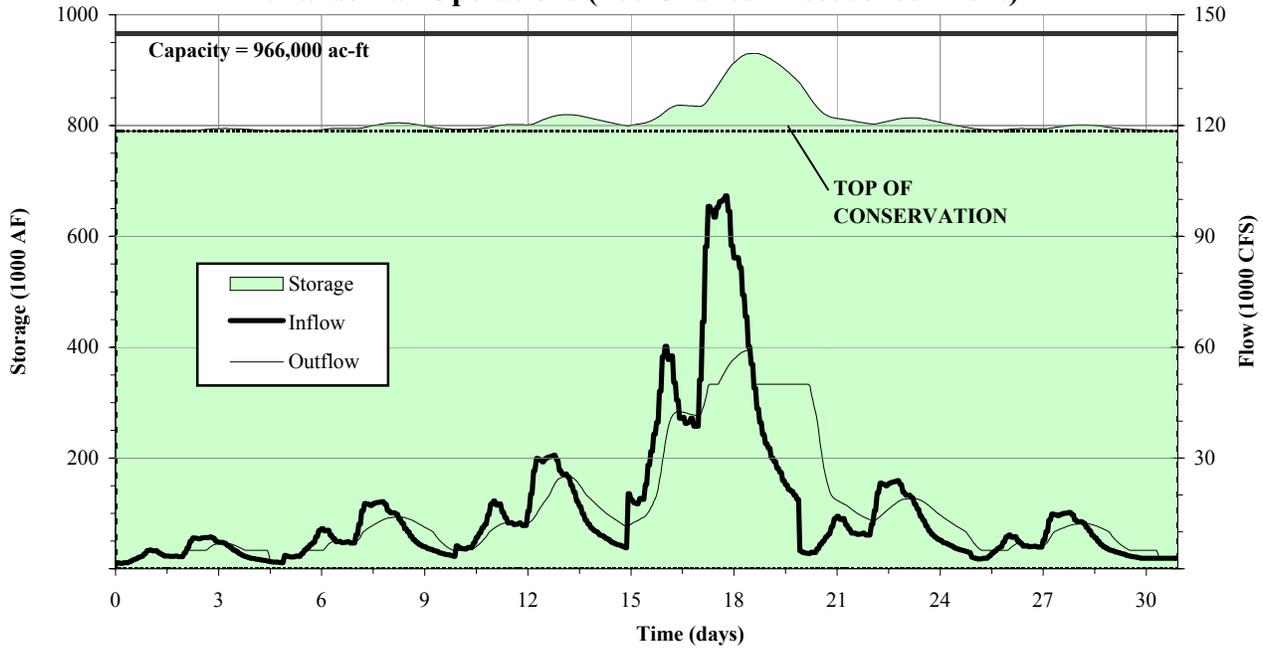
NORTH YUBA RIVER
Bullards Bar Inflow (1% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



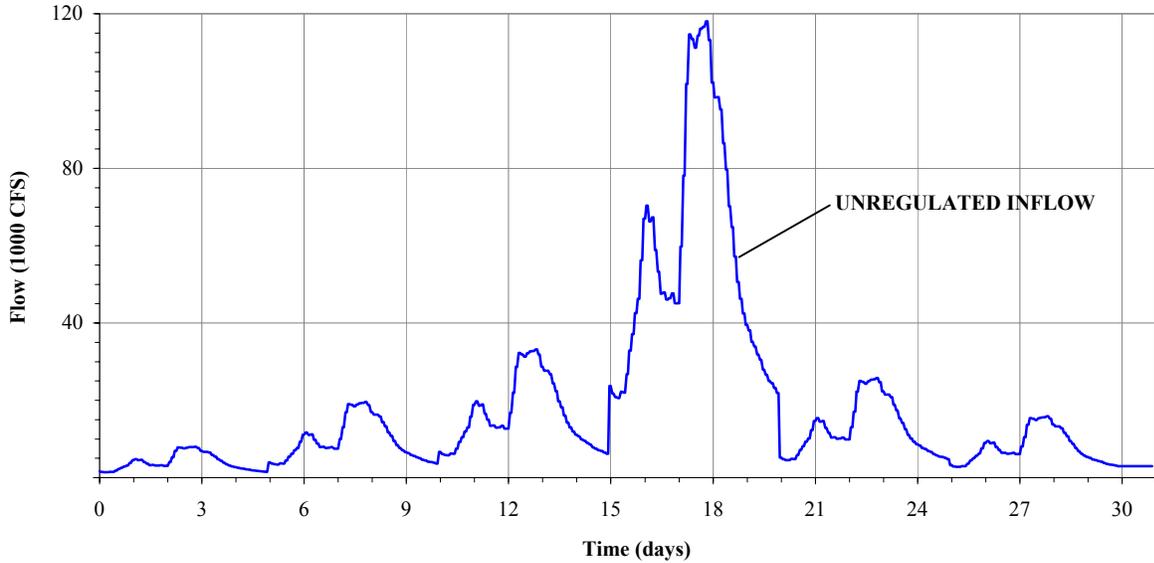
Bullards Bar Operations (1% Chance Exceedence Event)



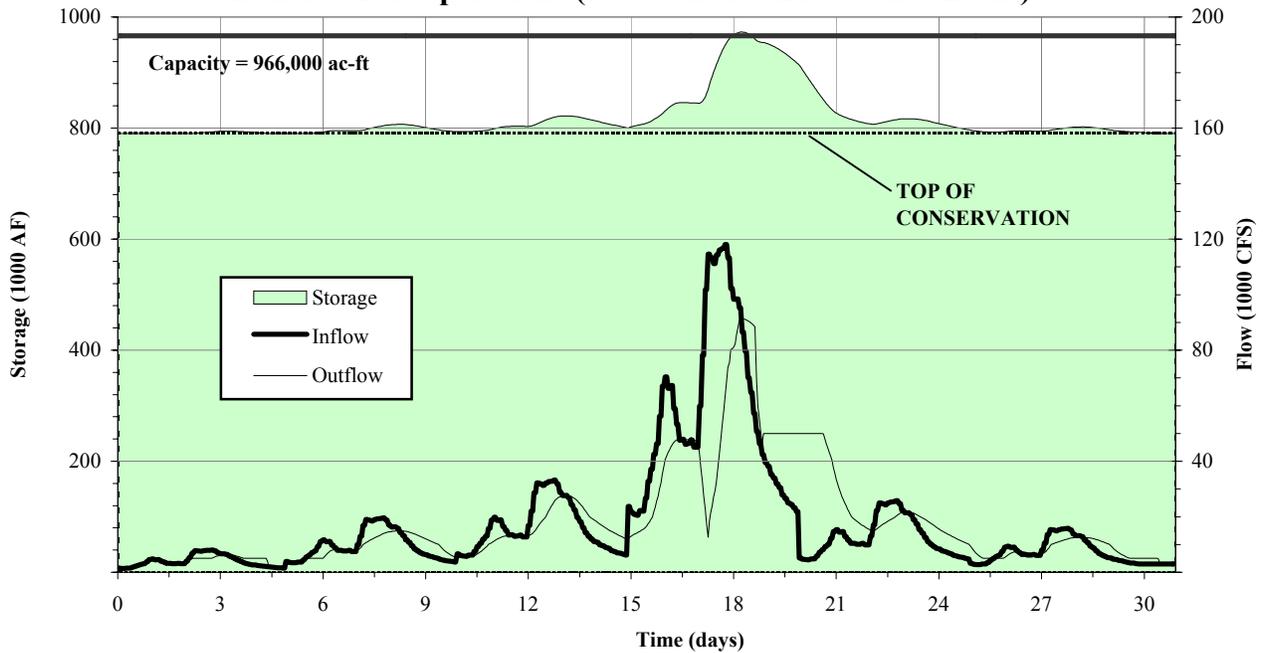
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-4e Reservoir Simulation Hydrographs Bullards Bar (1% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

NORTH YUBA RIVER
Bullards Bar Inflow (0.5% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



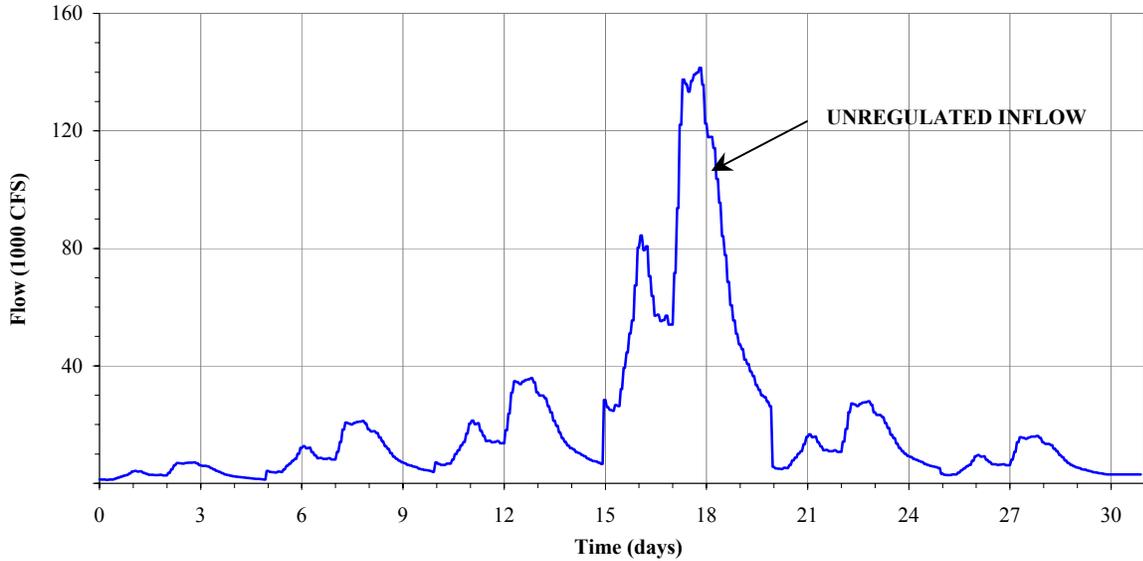
Bullards Bar Operations (0.5% Chance Exceedence Event)



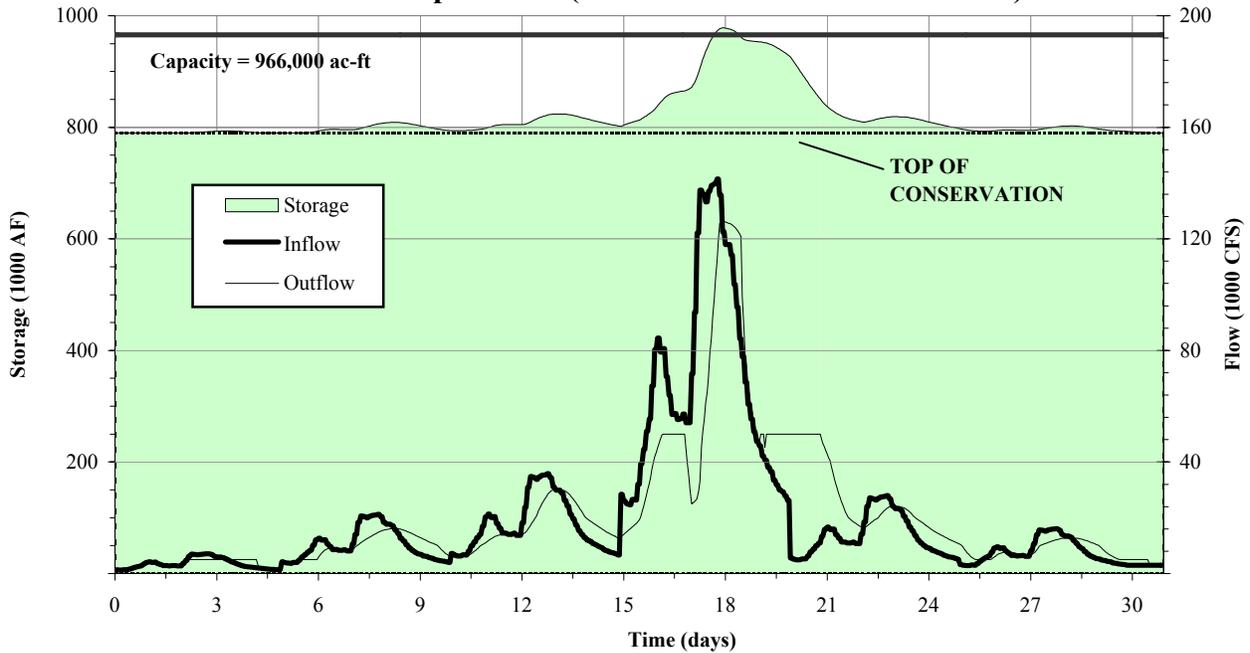
Sacramento & San Joaquin River Basins Comprehensive Study	
Figure C.1-4f Reservoir Simulation Hydrographs Bullards Bar (0.5% Chance Exceedence Event)	
US Army Corps of Engineers The Reclamation Board, State of California	December 2002

NORTH YUBA RIVER
Bullards Bar Inflow (0.2% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



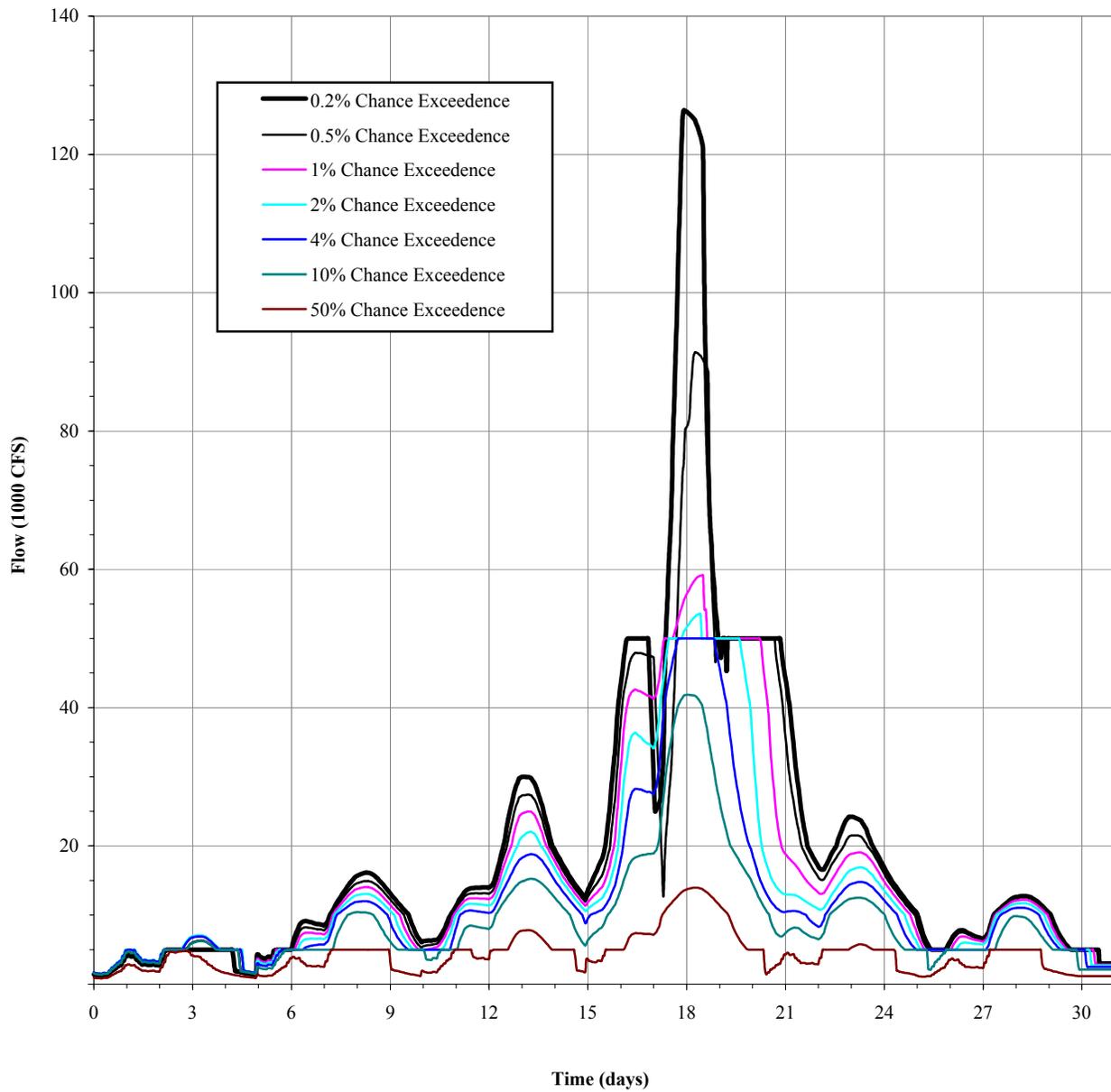
Bullards Bar Operations (0.2% Chance Exceedence Event)



Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-4g Reservoir Simulation Hydrographs Bullards Bar (0.2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

BULLARDS BAR OUTFLOW

Regulated Outflow Hydrographs



Sacramento & San Joaquin River Basins
Comprehensive Study

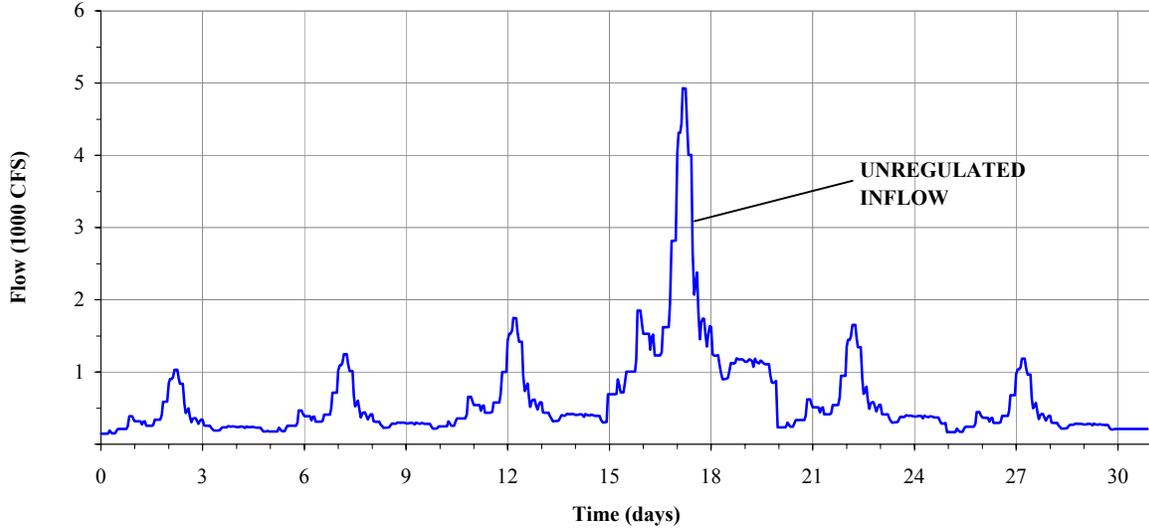
Figure C.1-4h
Reservoir Simulation Hydrographs
Regulated Outflow - Bullards Bar

US Army Corps of Engineers
The Reclamation Board, State of California December 2002

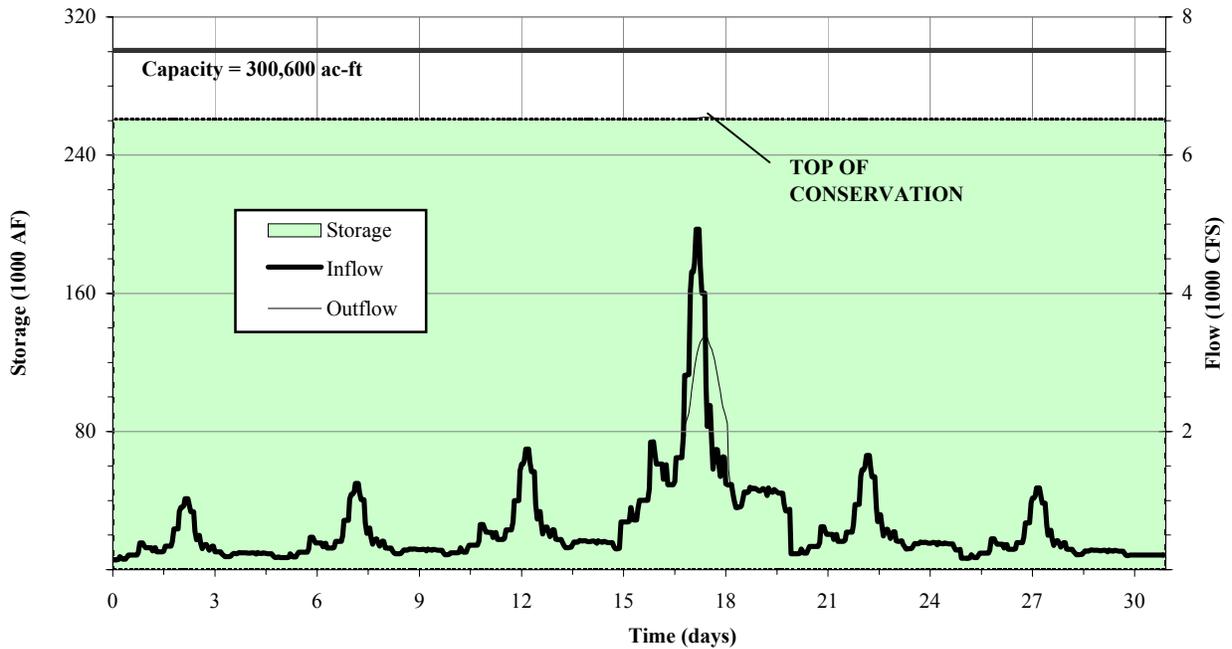
NORTH FORK CACHE CREEK
Indian Valley Inflow (50% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Indian Valley Operations (50% Chance Exceedence Event)

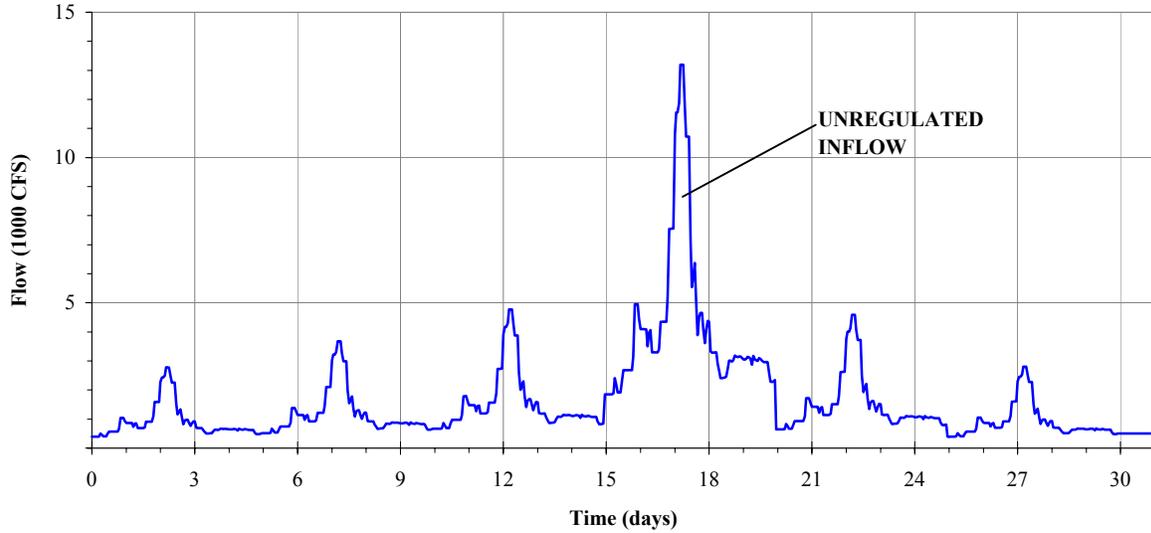


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-5a Reservoir Simulation Hydrographs Indian Valley (50% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

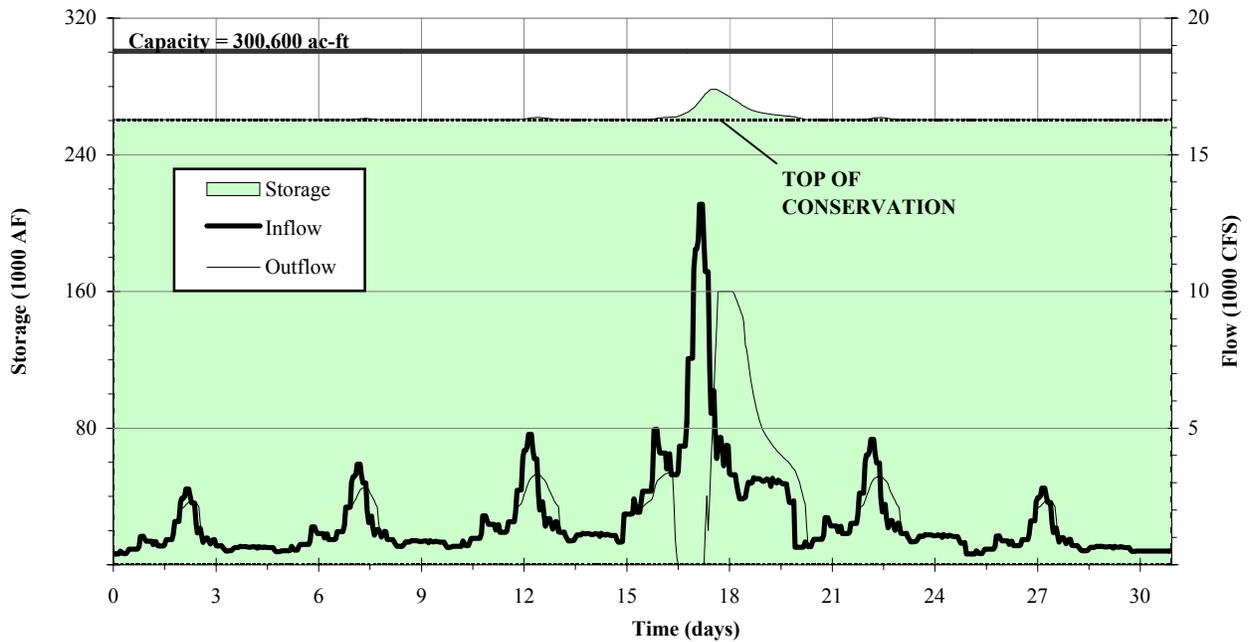
NORTH FORK CACHE CREEK
Indian Valley Inflow (10% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Indian Valley Operations (10% Chance Exceedence Event)

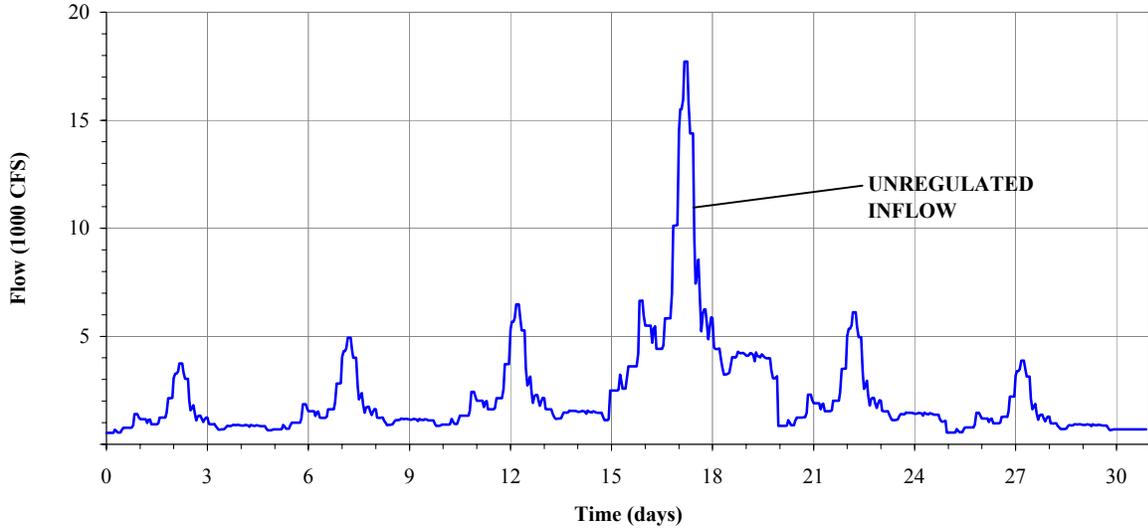


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-5b Reservoir Simulation Hydrographs Indian Valley (10% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

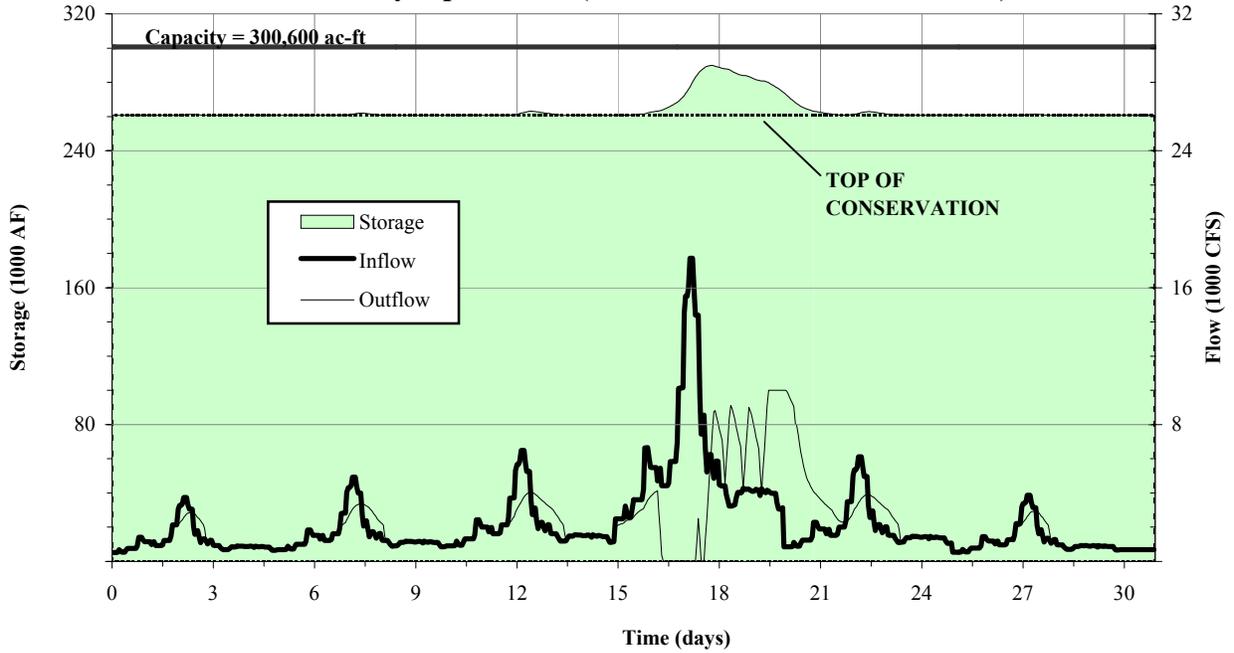
**NORTH FORK CACHE CREEK
Indian Valley Inflow (4% Chance Exceedence Event)**

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Indian Valley Operations (4% Chance Exceedence Event)

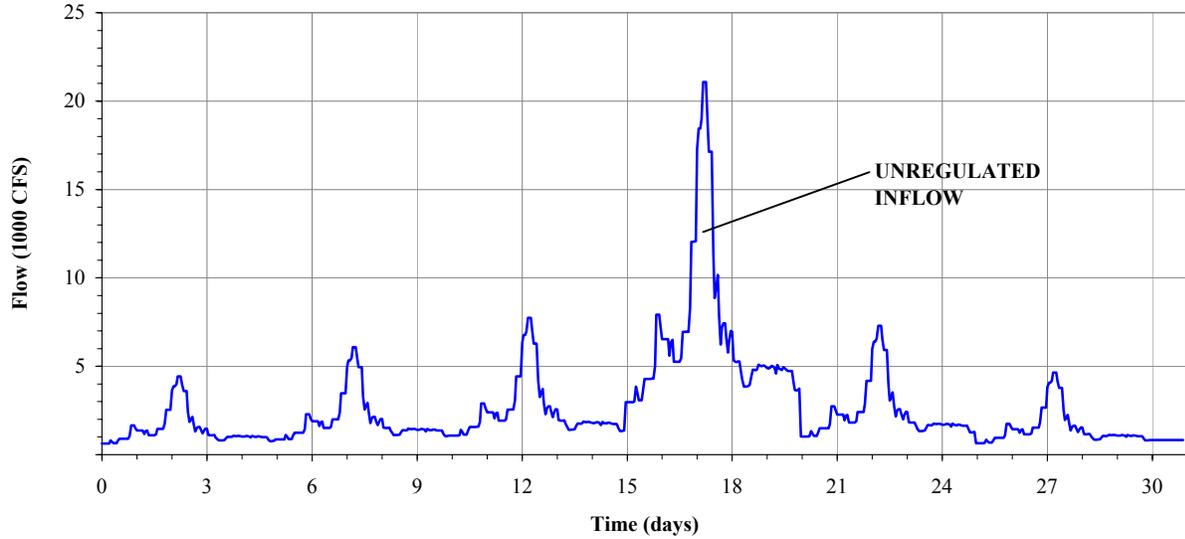


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-5c Reservoir Simulation Hydrographs Indian Valley (4% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

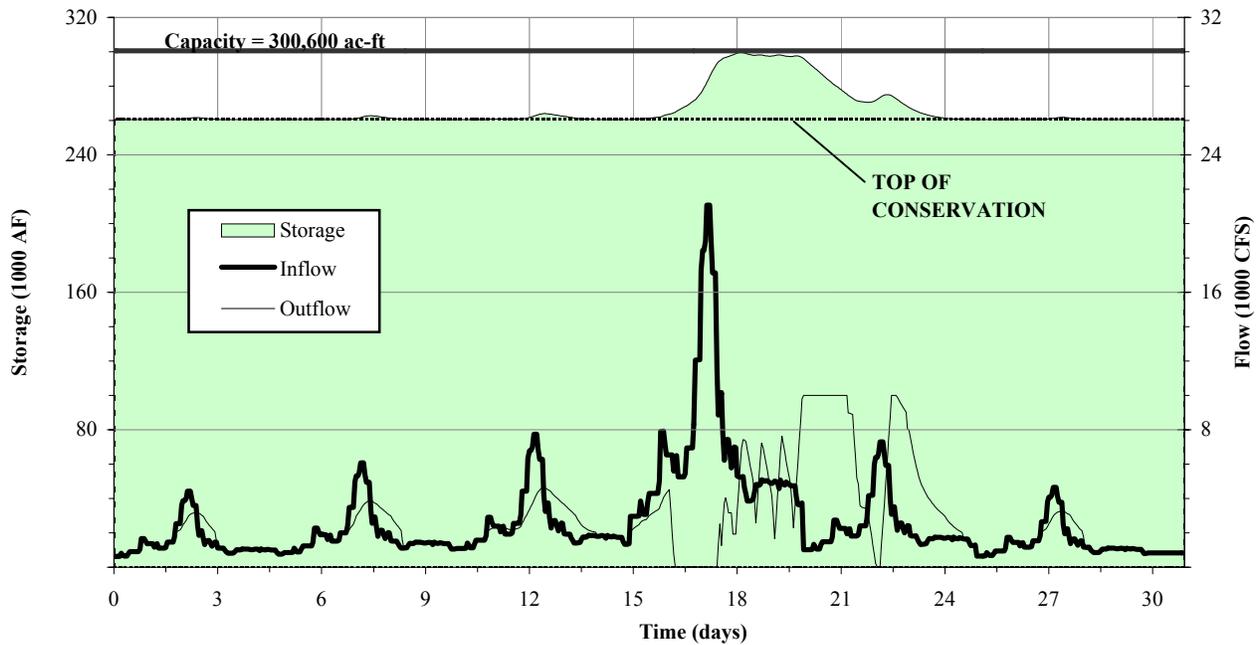
**NORTH FORK CACHE CREEK
Indian Valley Inflow (2% Chance Exceedence Event)**

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Indian Valley Operations (2% Chance Exceedence Event)

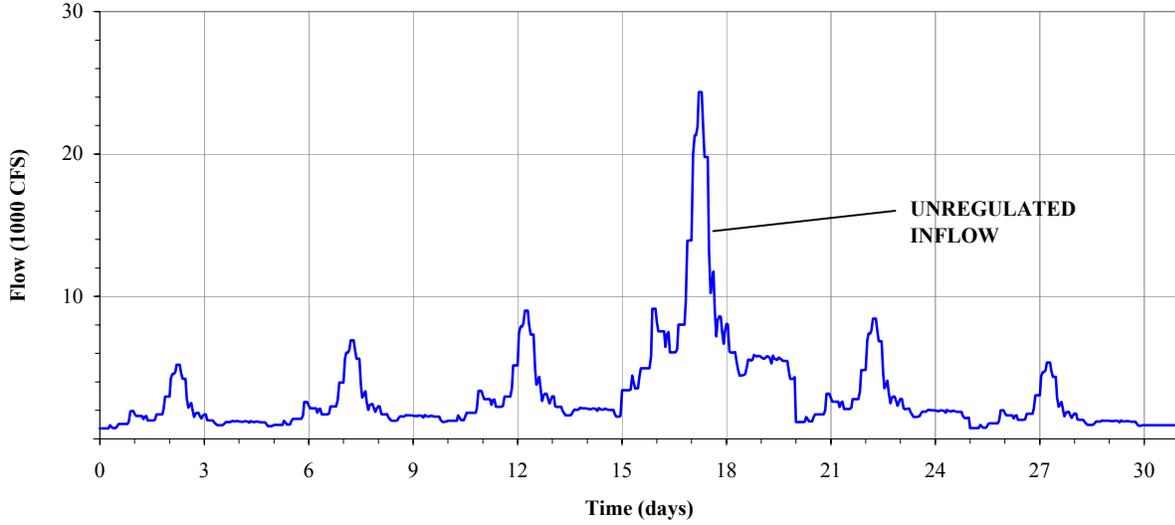


Sacramento & San Joaquin River Basins Comprehensive Study	
Figure C.1-5d Reservoir Simulation Hydrographs Indian Valley (2% Chance Exceedence Event)	
US Army Corps of Engineers The Reclamation Board, State of California	December 2002

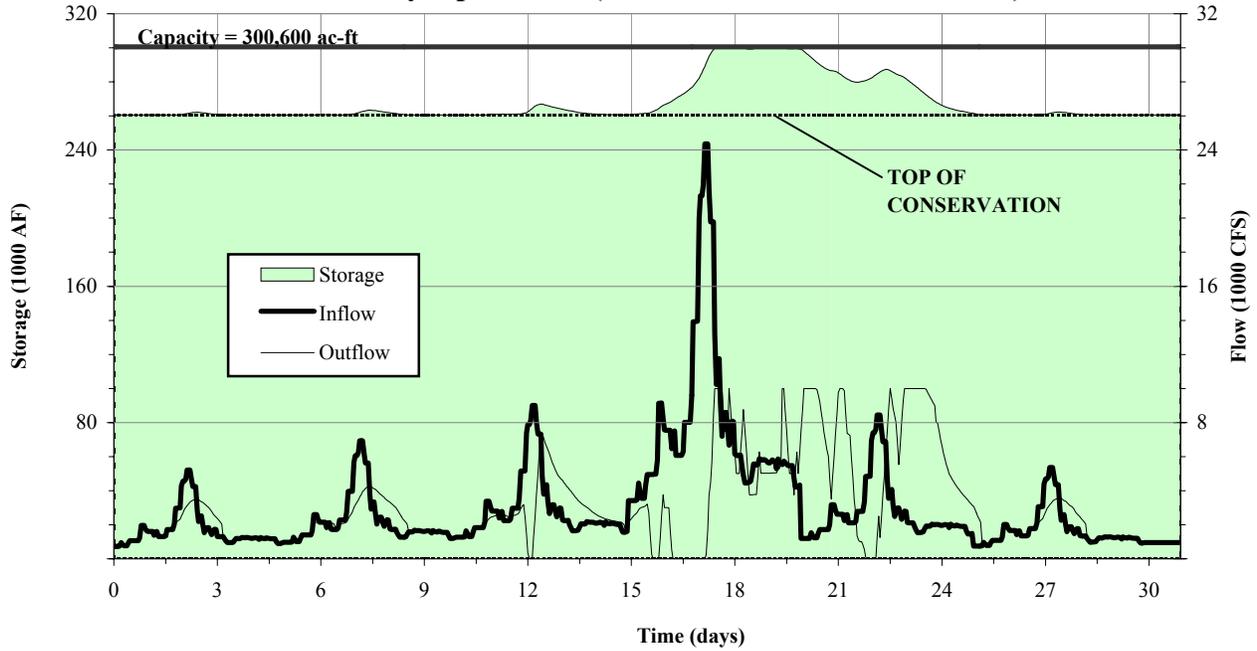
**NORTH FORK CACHE CREEK
Indian Valley Inflow (1% Chance Exceedence Event)**

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Indian Valley Operations (1% Chance Exceedence Event)

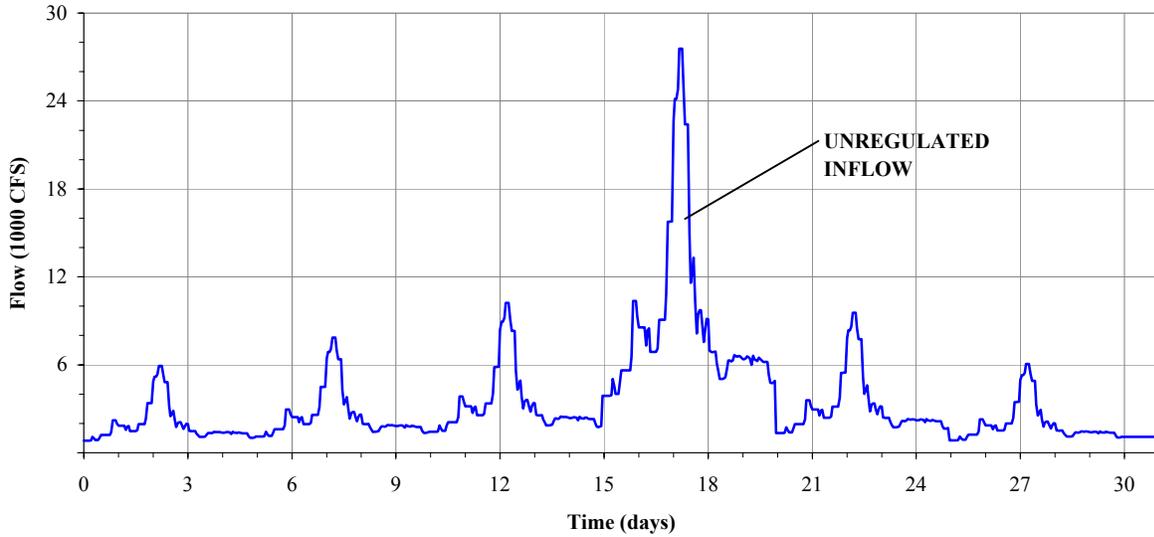


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-5e Reservoir Simulation Hydrographs Indian Valley (1% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

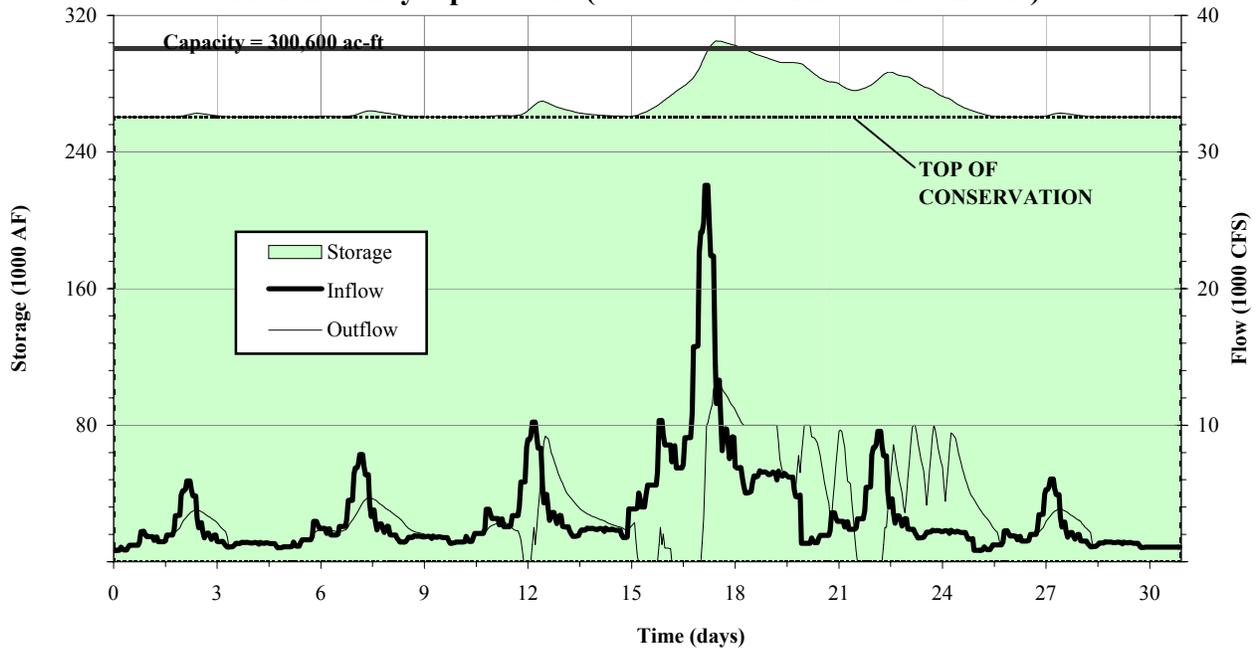
NORTH FORK CACHE CREEK Indian Valley Inflow (0.5% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.

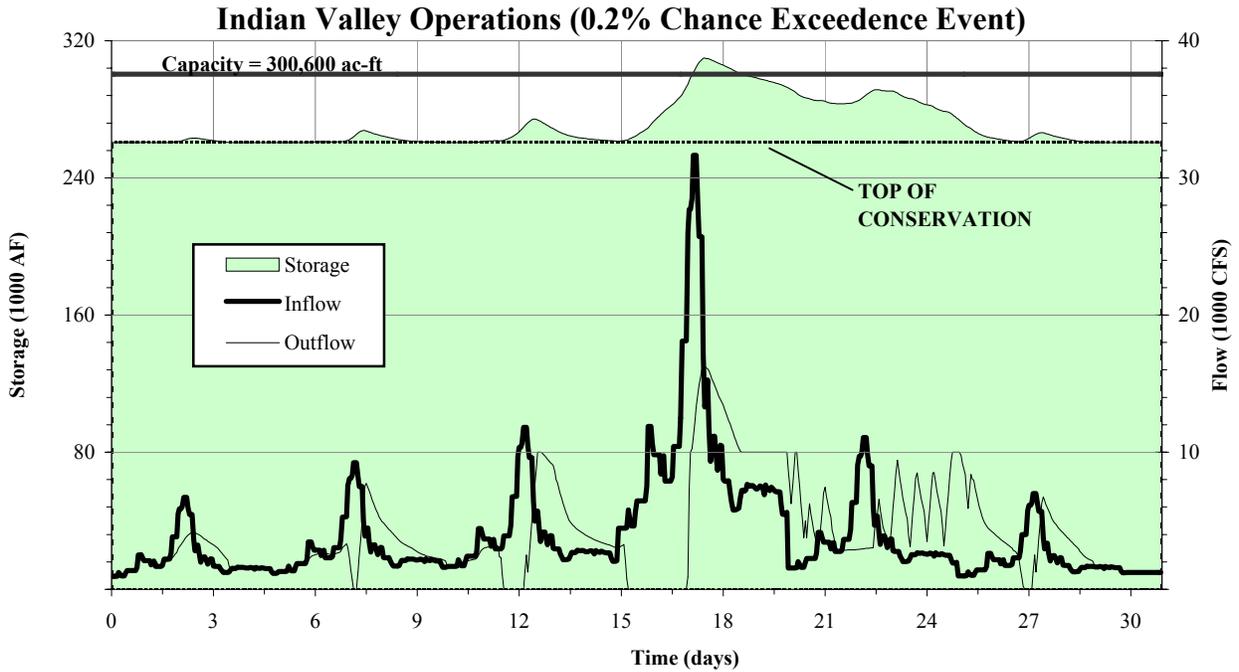
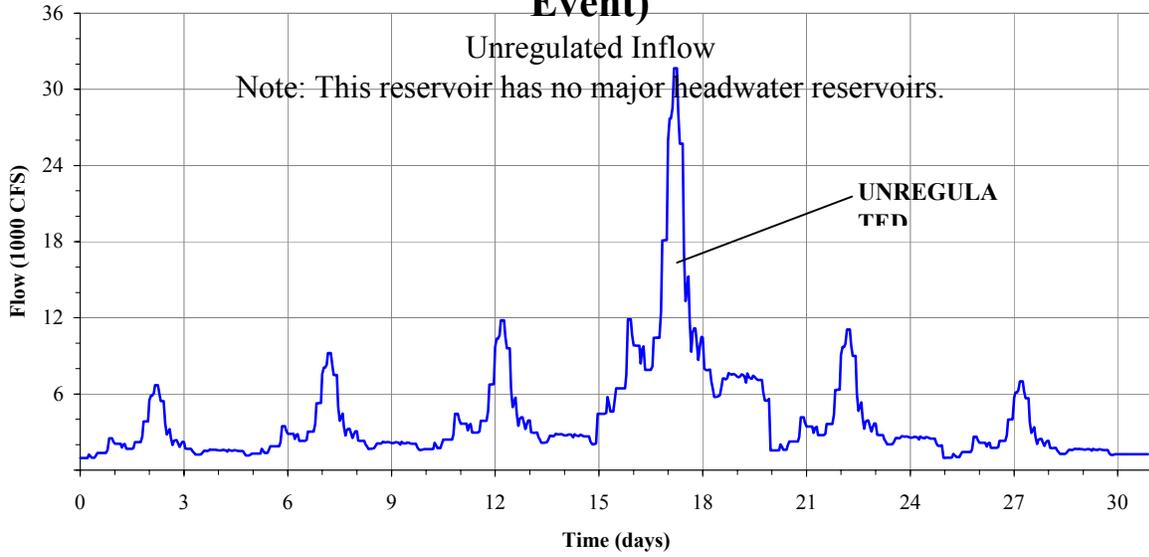


Indian Valley Operations (0.5% Chance Exceedence Event)



Sacramento & San Joaquin River Basins Comprehensive Study	
Figure C.1-5f Reservoir Simulation Hydrographs Indian Valley (0.5% Chance Exceedence Event)	
US Army Corps of Engineers The Reclamation Board, State of California December 2002	

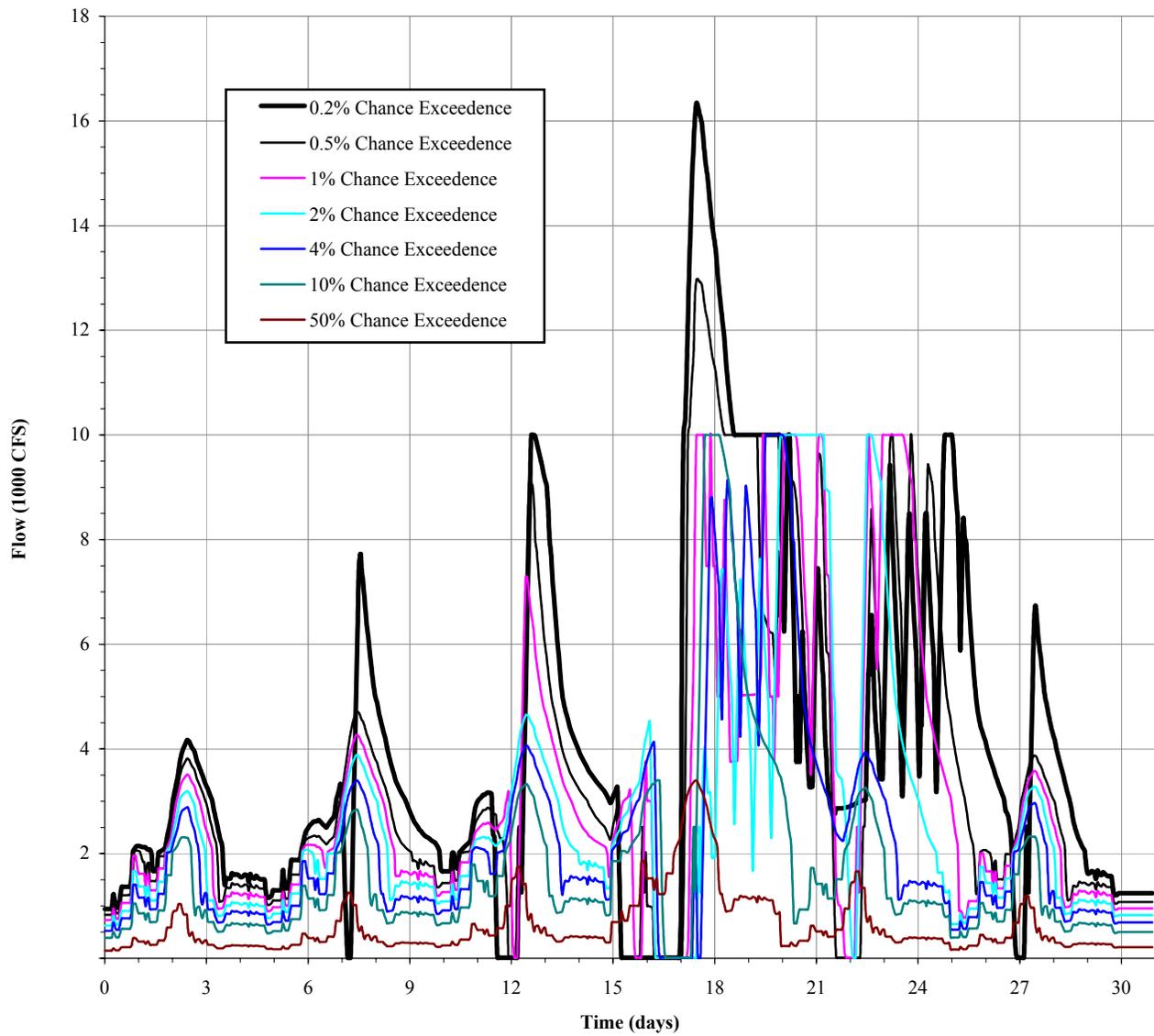
NORTH FORK CACHE CREEK Indian Valley Inflow (0.2% Chance Exceedence Event)



Sacramento & San Joaquin River Basins Comprehensive Study	
Figure C.1-5g Reservoir Simulation Hydrographs Indian Valley (0.2% Chance Exceedence Event)	
US Army Corps of Engineers The Reclamation Board, State of California December 2002	

INDIAN VALLEY OUTFLOW

Regulated Outflow Hydrographs

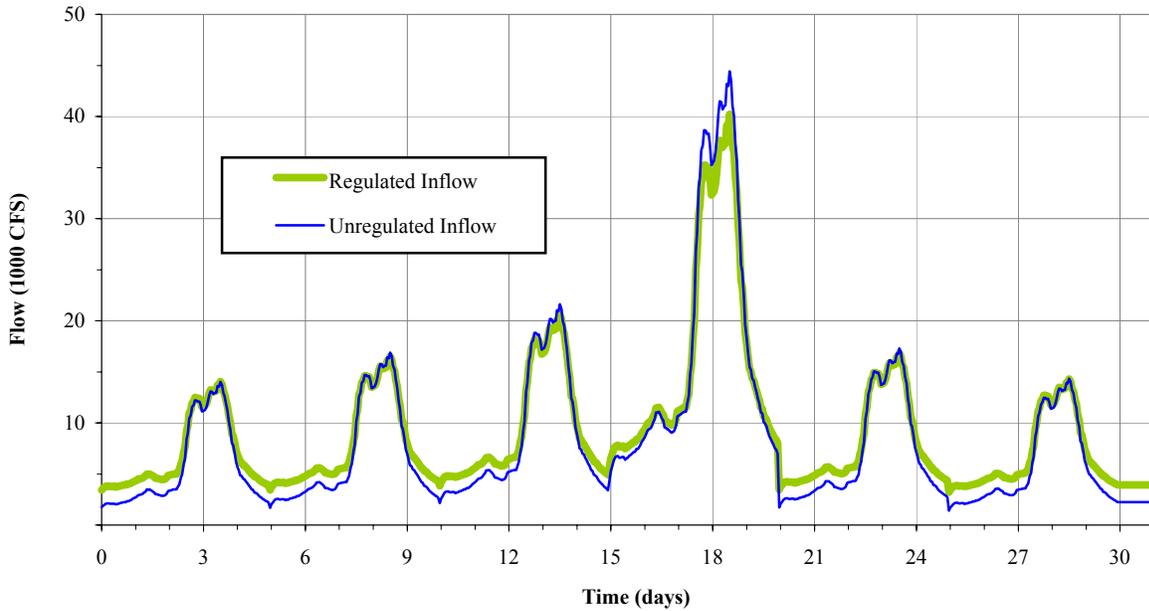


Sacramento & San Joaquin River Basins
Comprehensive Study

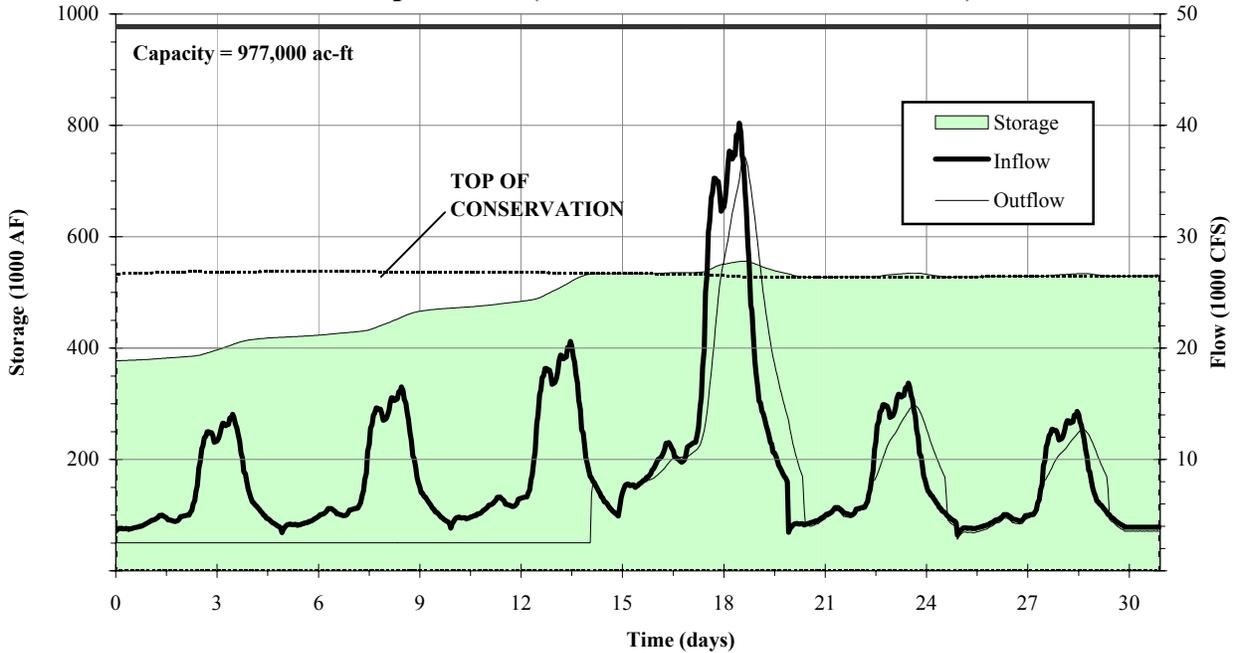
Figure C.1-5h
Reservoir Simulation Hydrographs
Regulated Outflow - Indian Valley

US Army Corps of Engineers
The Reclamation Board, State of California December 2002

AMERICAN RIVER
Folsom Inflow (50% Chance Exceedence Event)
 Regulated and Unregulated Inflow

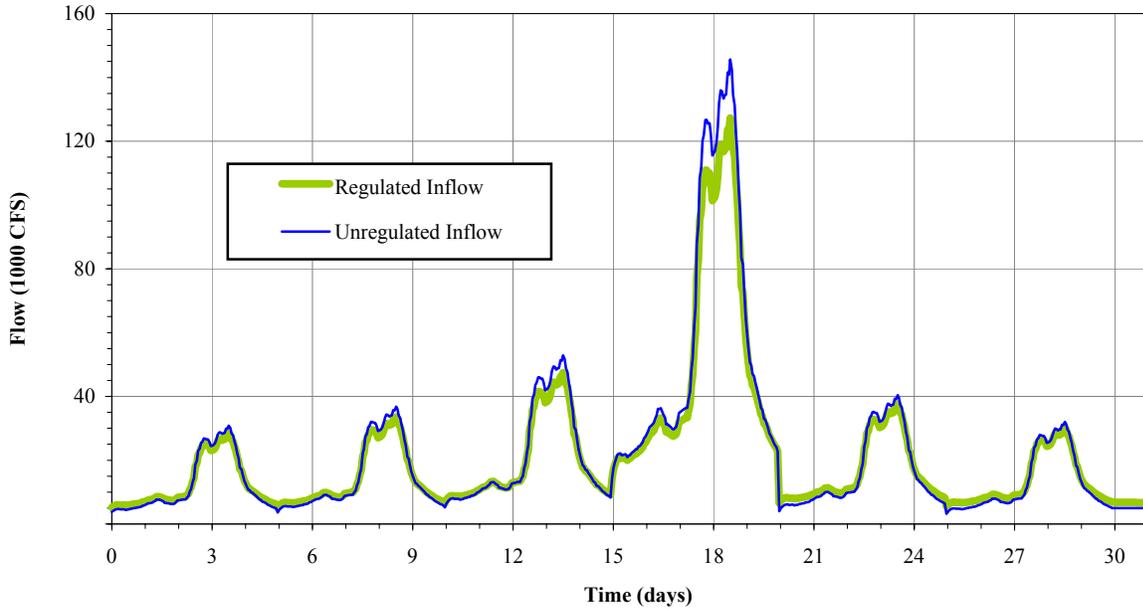


Folsom Operations (50% Chance Exceedence Event)

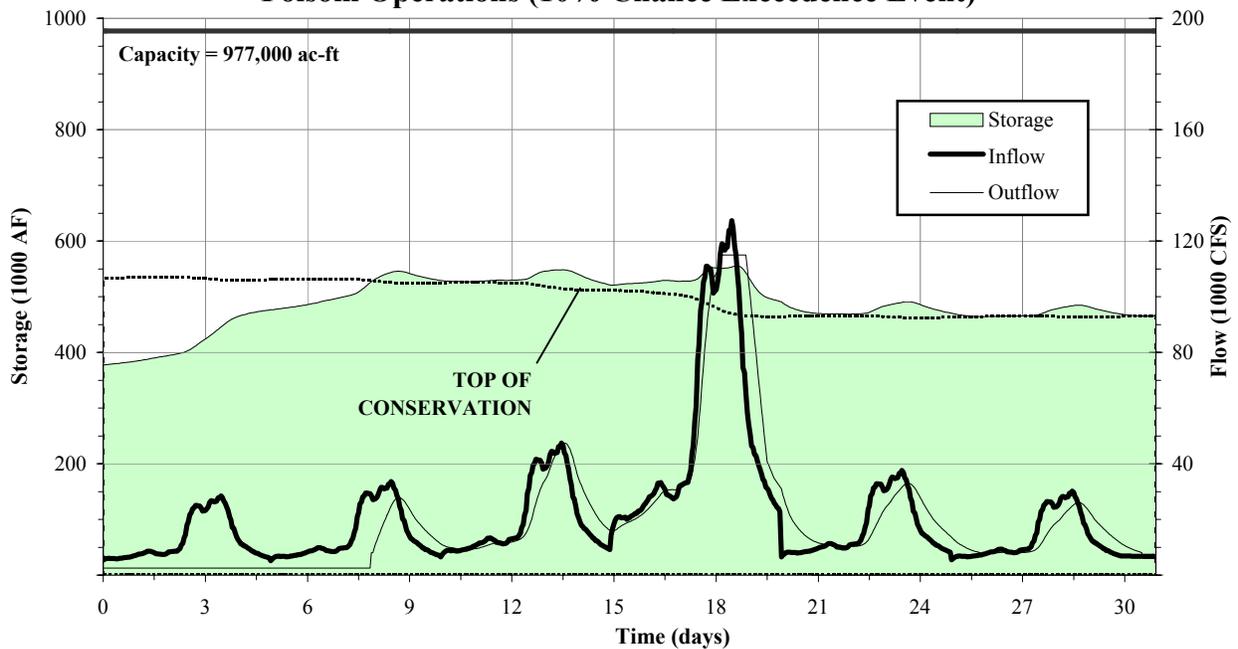


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-6a Reservoir Simulation Hydrographs Folsom (50% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

AMERICAN RIVER
Folsom Inflow (10% Chance Exceedence Event)
 Regulated and Unregulated Inflow

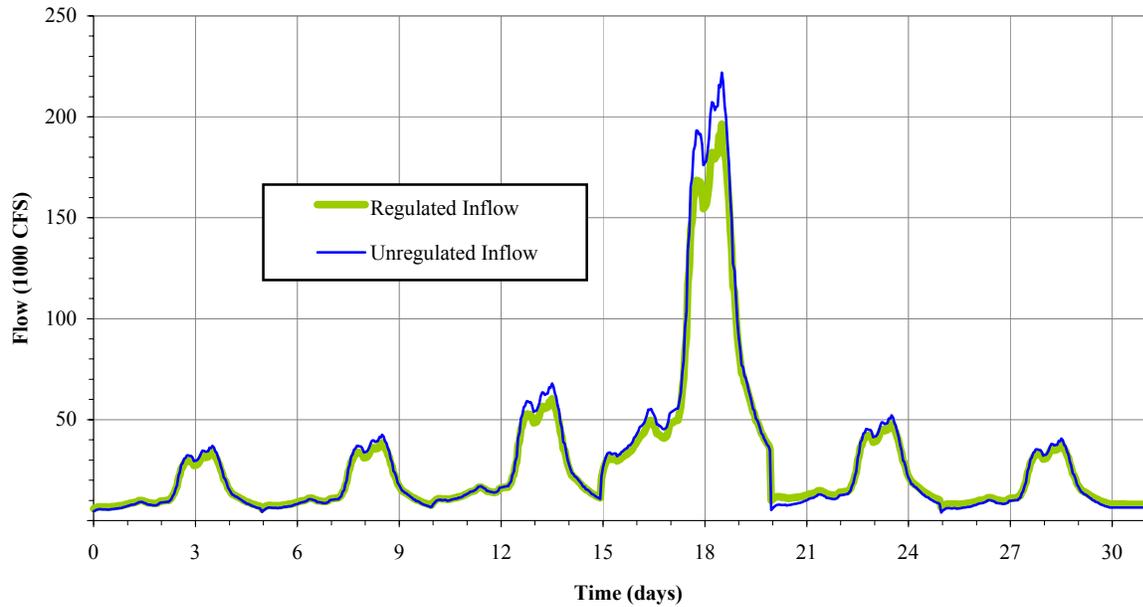


Folsom Operations (10% Chance Exceedence Event)

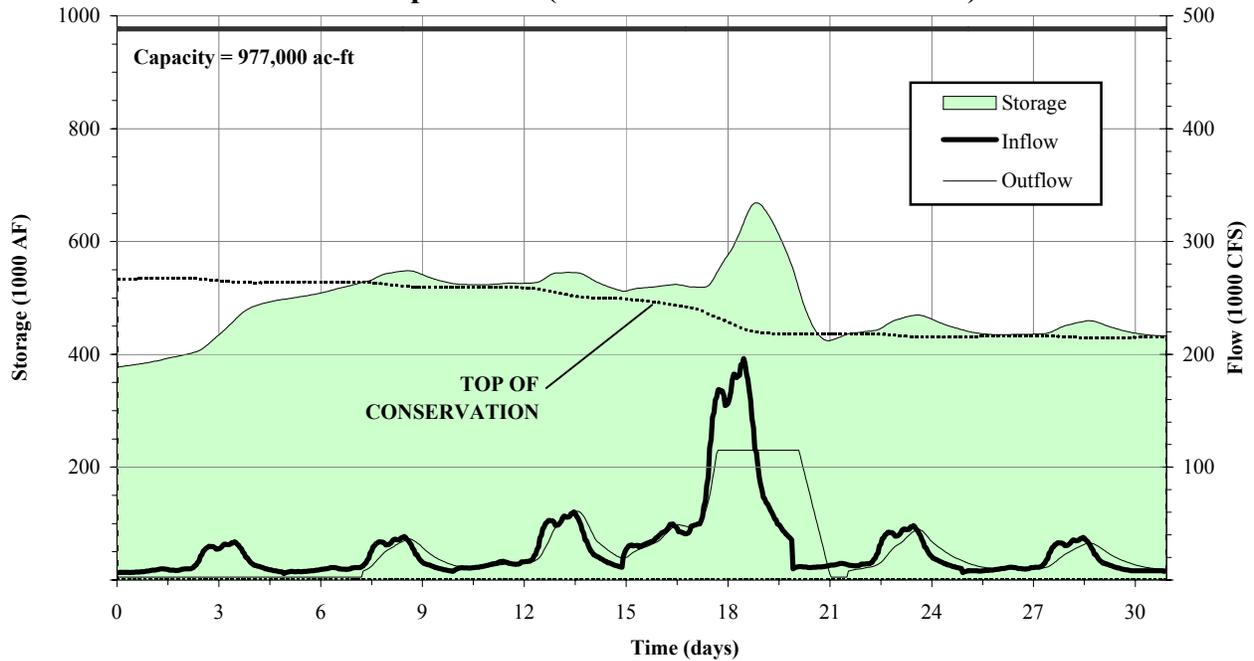


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-6b Reservoir Simulation Hydrographs Folsom (10% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

AMERICAN RIVER
Folsom Inflow (4% Chance Exceedence Event)
 Regulated and Unregulated Inflow

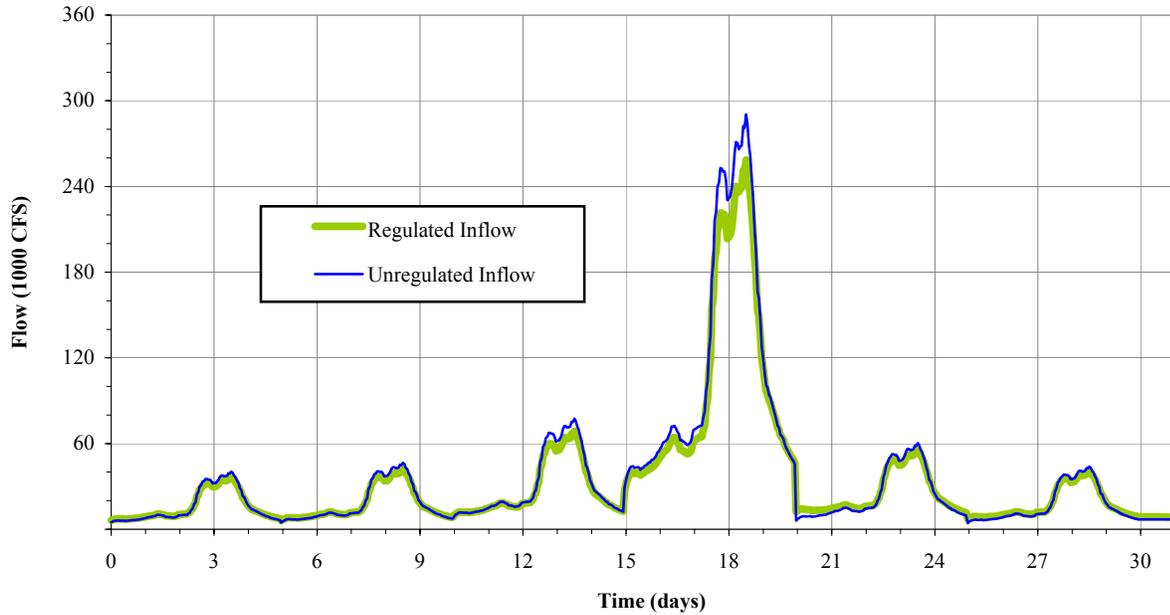


Folsom Operations (4% Chance Exceedence Event)

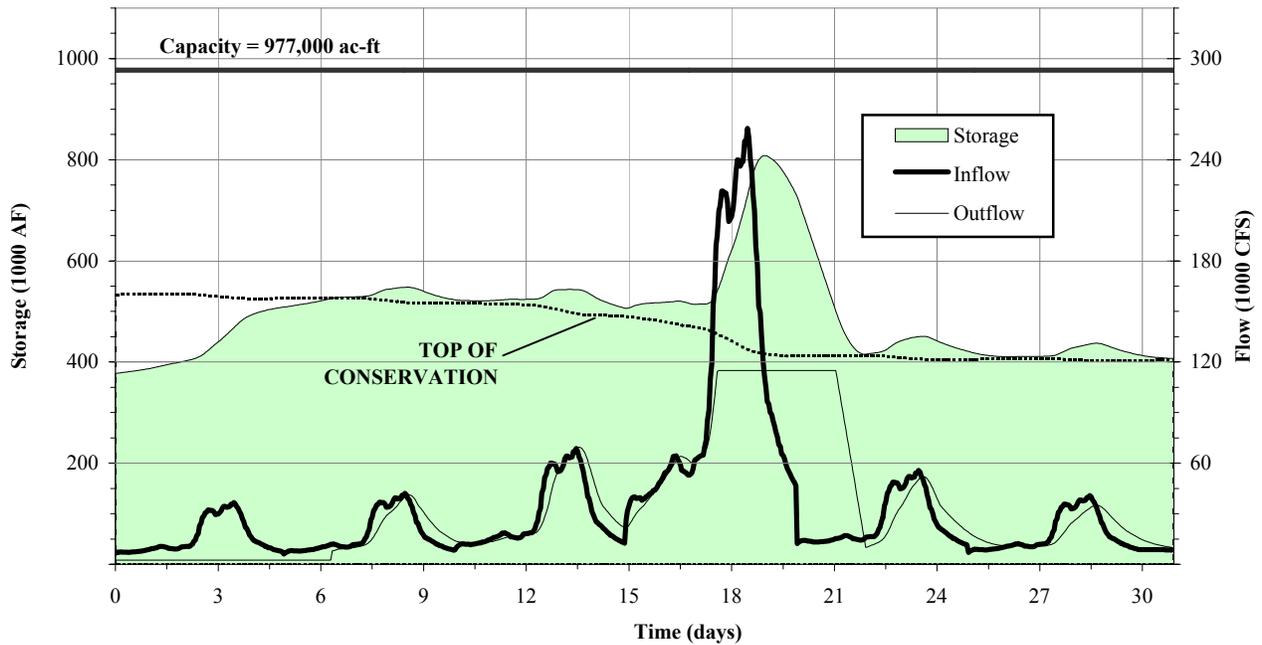


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-6c Reservoir Simulation Hydrographs Folsom (4% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

AMERICAN RIVER
Folsom Inflow (2% Chance Exceedence Event)
 Regulated and Unregulated Inflow



Folsom Operations (2% Chance Exceedence Event)

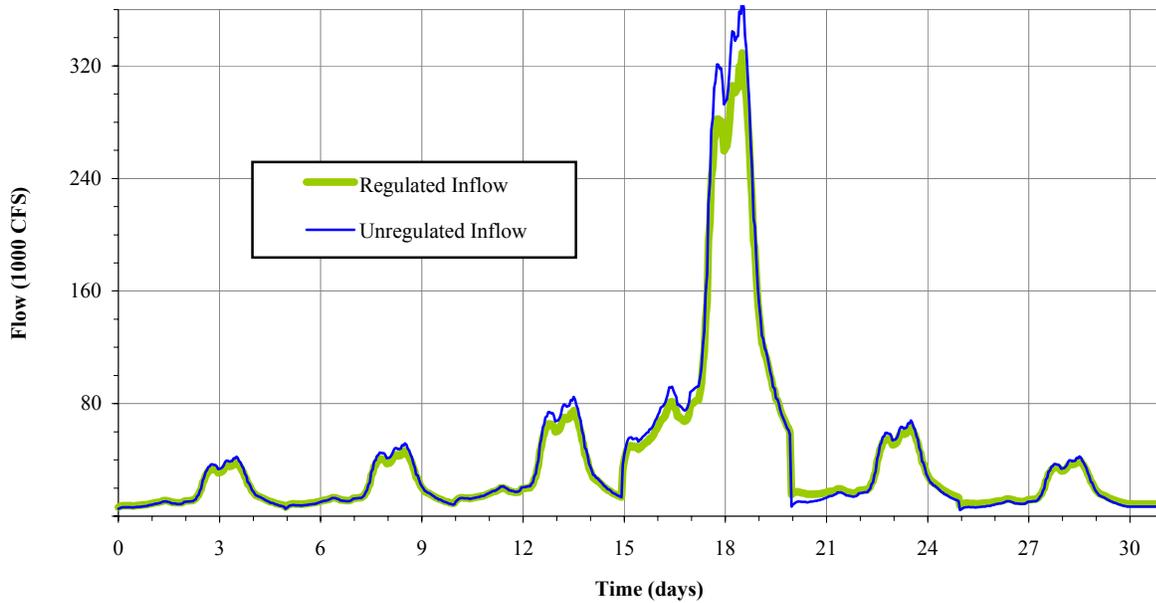


Sacramento & San Joaquin River Basins
 Comprehensive Study

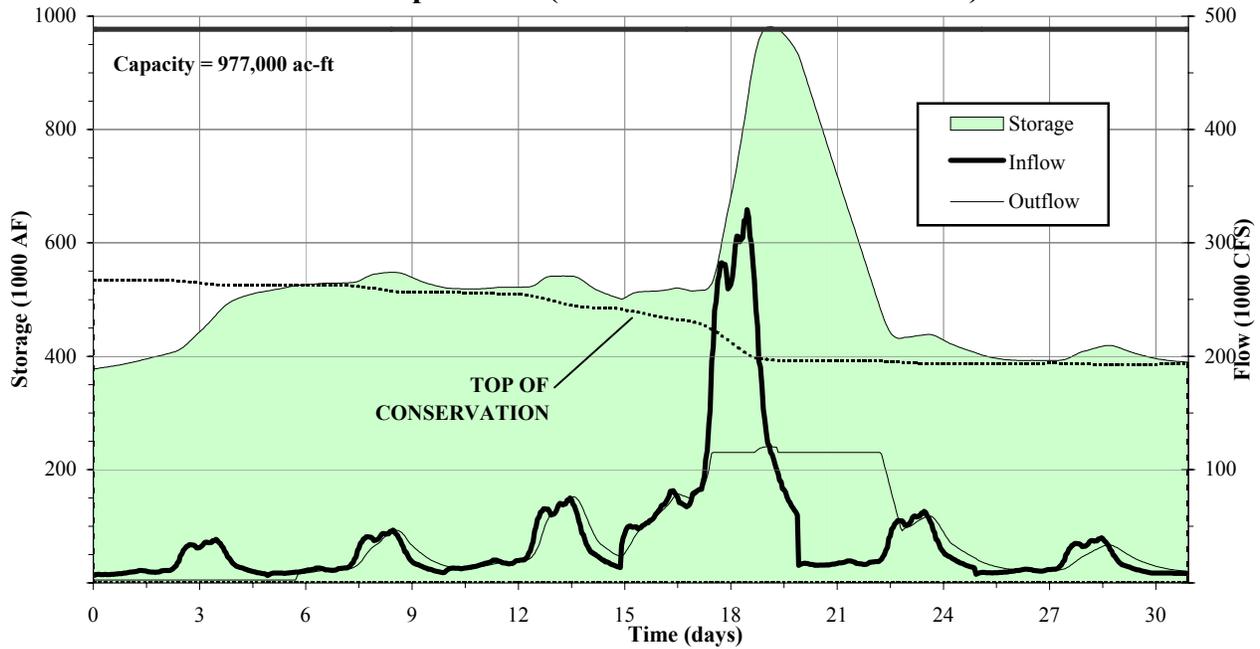
Figure C.1-6d
 Reservoir Simulation Hydrographs
 Folsom
 (2% Chance Exceedence Event)

US Army Corps of Engineers
 The Reclamation Board, State of California December 2002

AMERICAN RIVER
Folsom Inflow (1% Chance Exceedence Event)
 Regulated and Unregulated Inflow

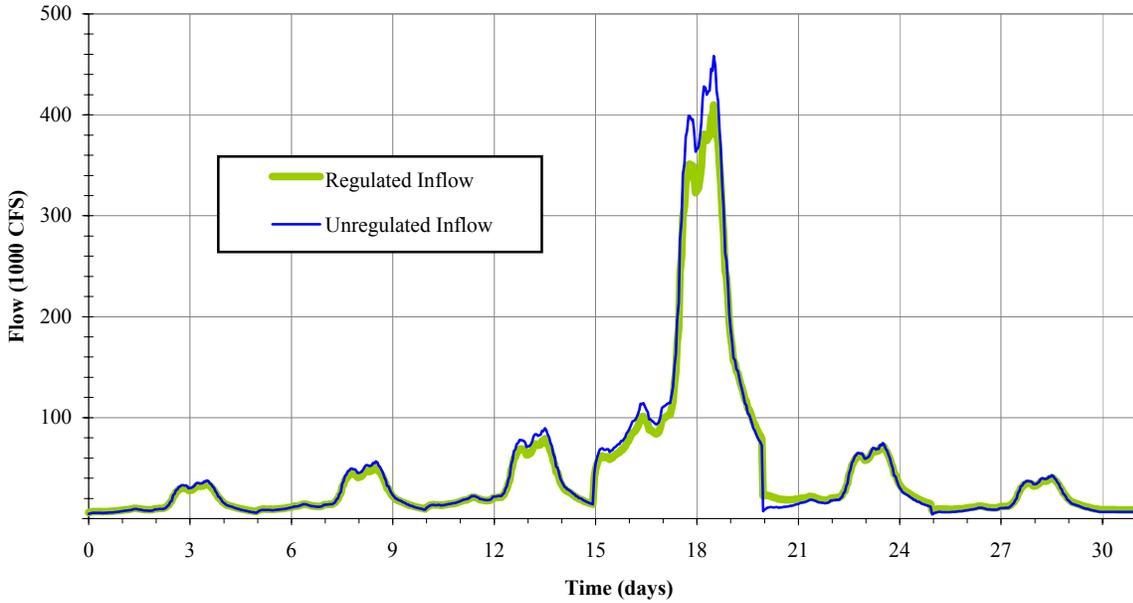


Folsom Operations (1% Chance Exceedence Event)

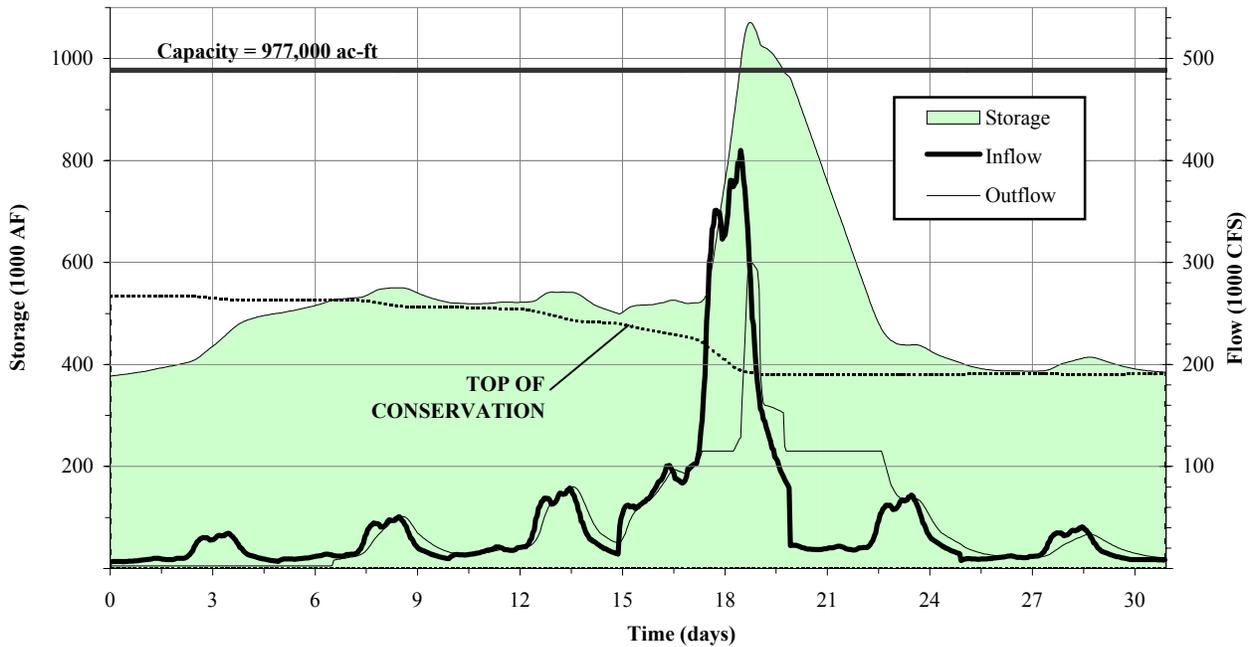


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-6e Reservoir Simulation Hydrographs Folsom (1% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

AMERICAN RIVER
Folsom Inflow (0.5% Chance Exceedence Event)
 Regulated and Unregulated Inflow



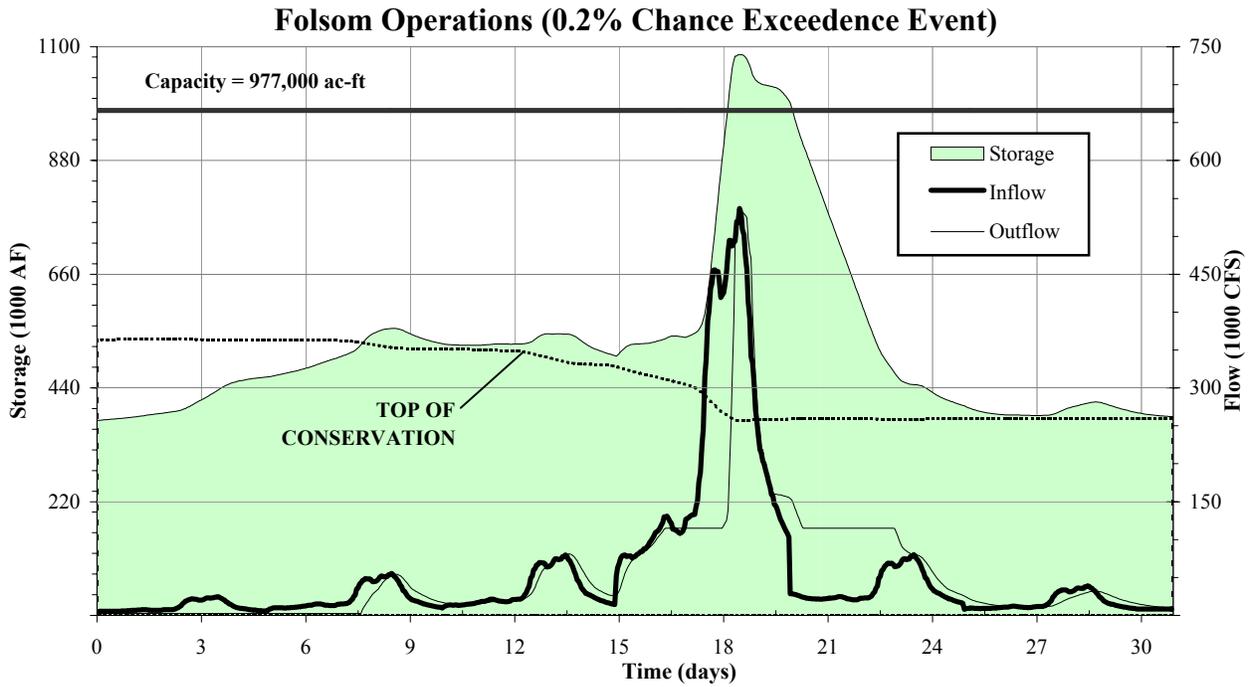
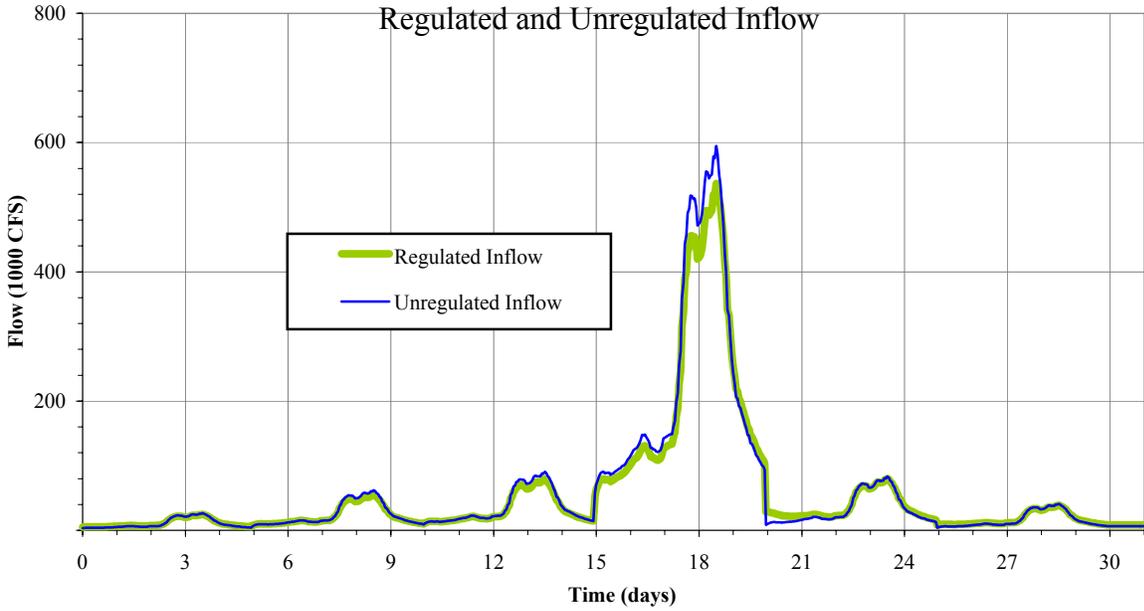
Folsom Operations (0.5% Chance Exceedence Event)



Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-6f Reservoir Simulation Hydrographs Folsom (0.5% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

AMERICAN RIVER

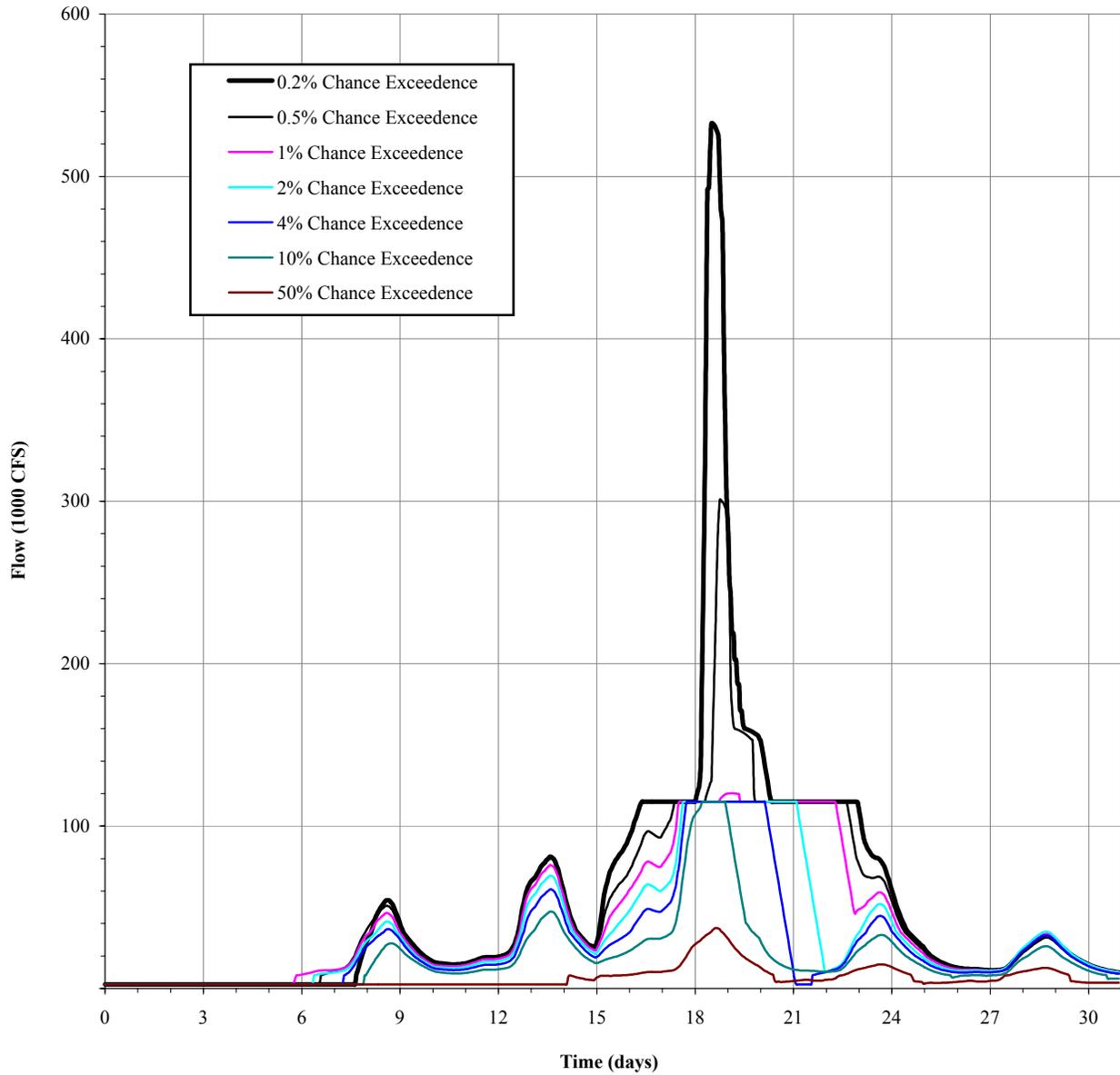
Folsom Inflow (0.2% Chance Exceedence Event)



Sacramento & San Joaquin River Basins Comprehensive Study	
Figure C.1-6g Reservoir Simulation Hydrographs Folsom (0.2% Chance Exceedence Event)	
US Army Corps of Engineers The Reclamation Board, State of California December 2002	

FOLSOM OUTFLOW

Regulated Outflow Hydrographs



Sacramento & San Joaquin River Basins
Comprehensive Study

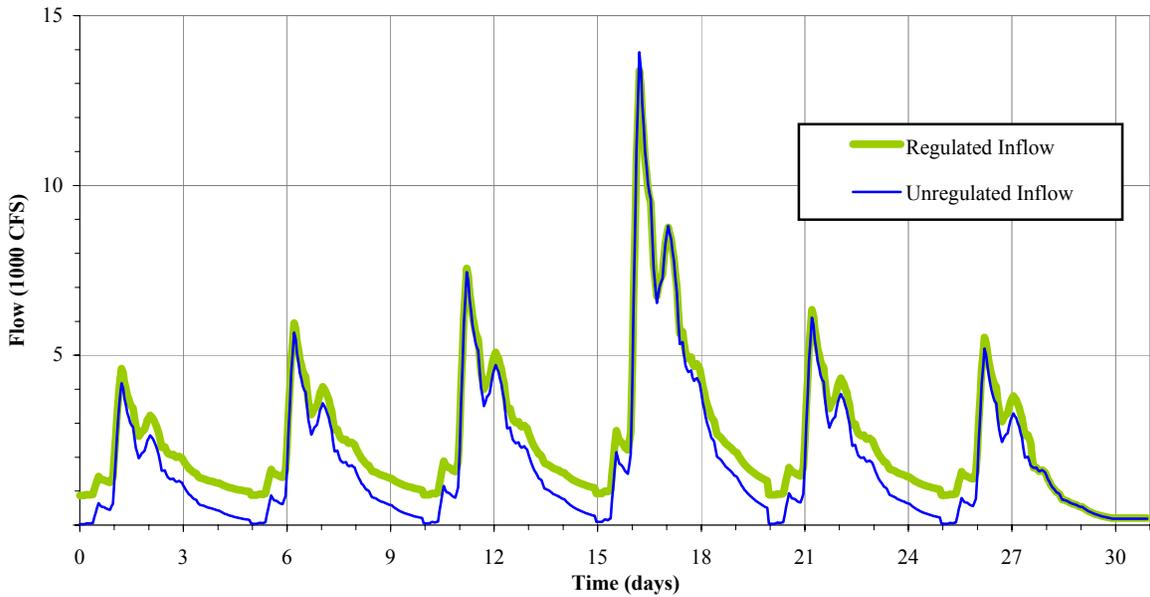
Figure C.1-6h
Reservoir Simulation Hydrographs
Regulated Outflow - Folsom

US Army Corps of Engineers
The Reclamation Board, State of California December 2002

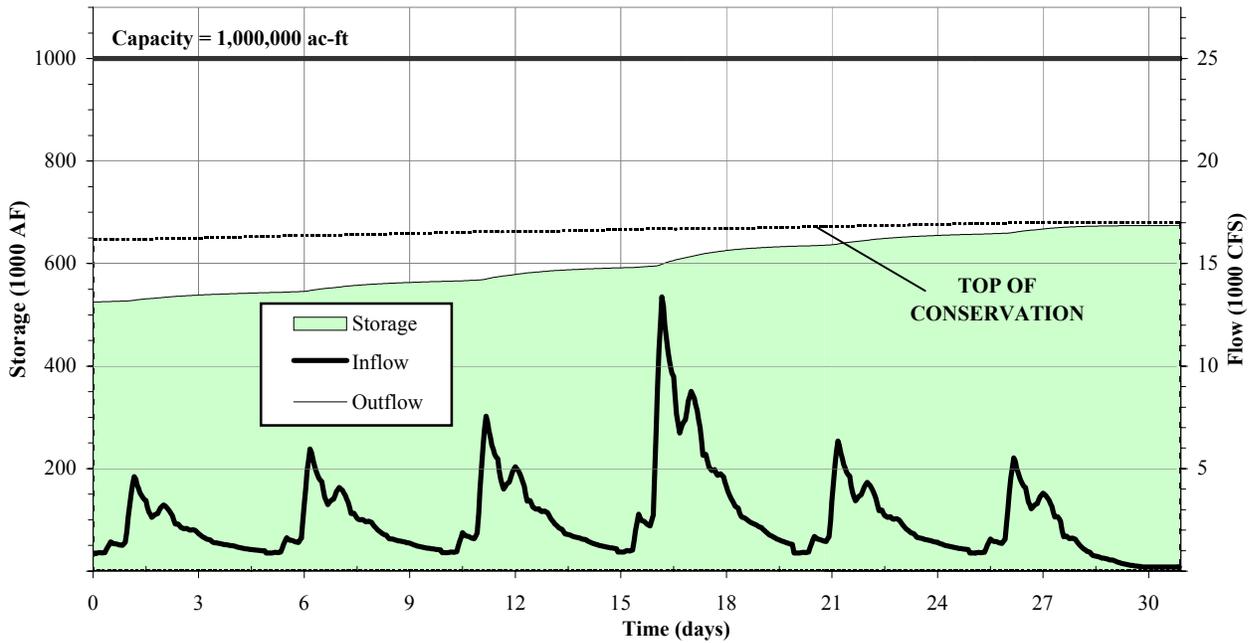
SAN JOAQUIN RIVER BASIN

THIS PAGE LEFT BLANK INTENTIONALLY

KINGS RIVER
Pine Flat Inflow (50% Chance Exceedence Event)
 Regulated and Unregulated Inflow

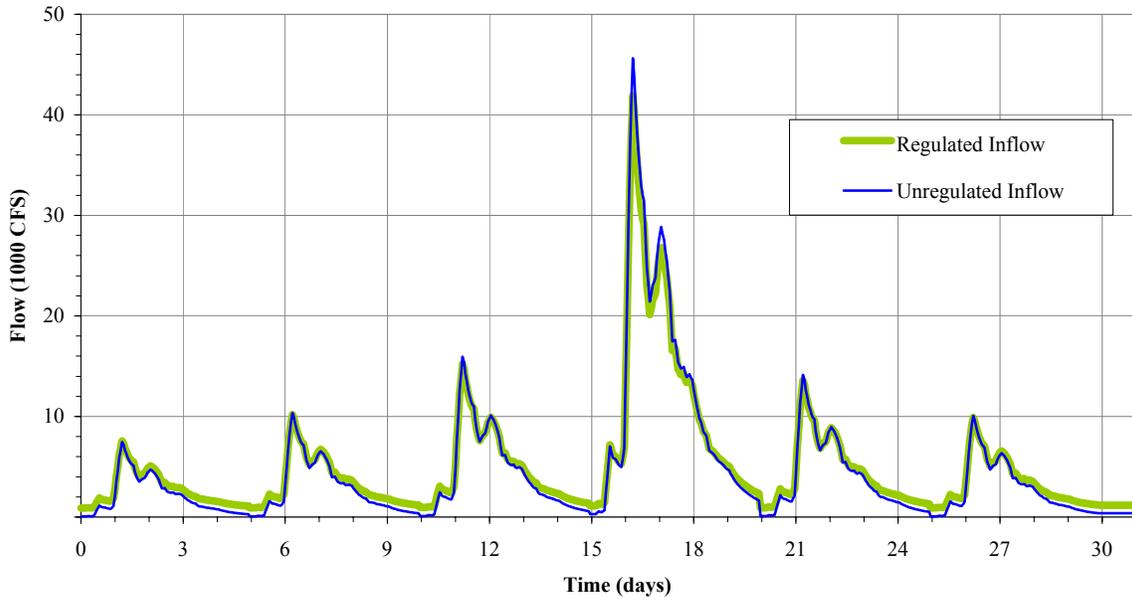


Pine Flat Operations (50% Chance Exceedence Event)

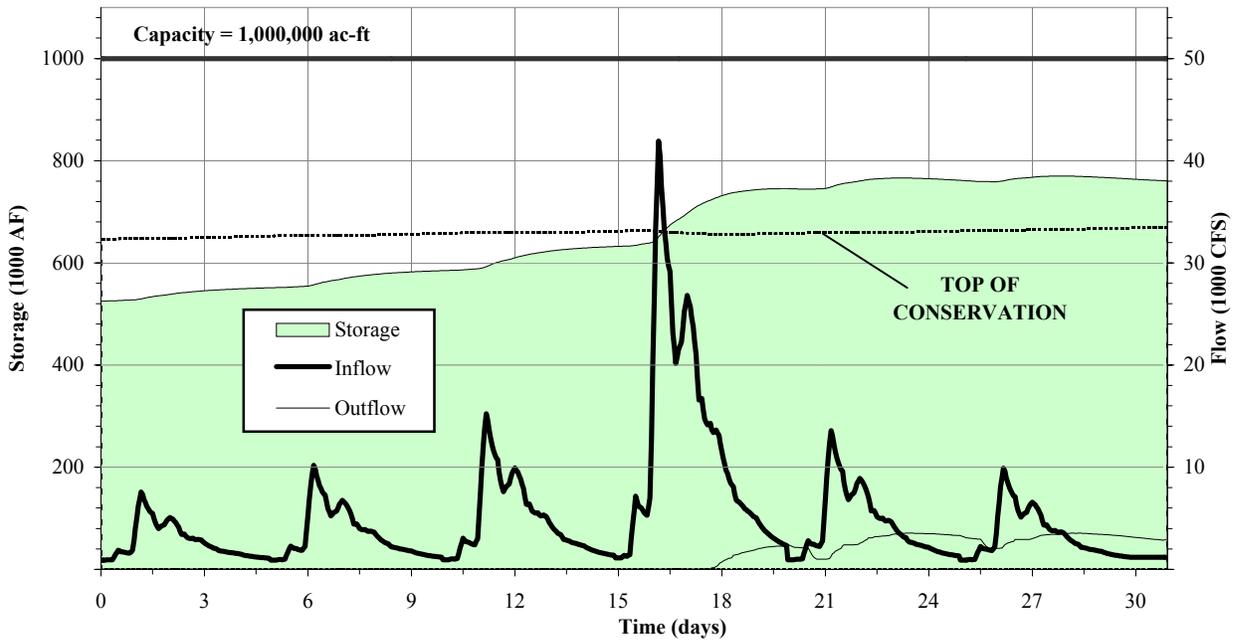


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-7a Reservoir Simulation Hydrographs Pine Flat (50% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

KINGS RIVER
Pine Flat Inflow (10% Chance Exceedence Event)
 Regulated and Unregulated Inflow

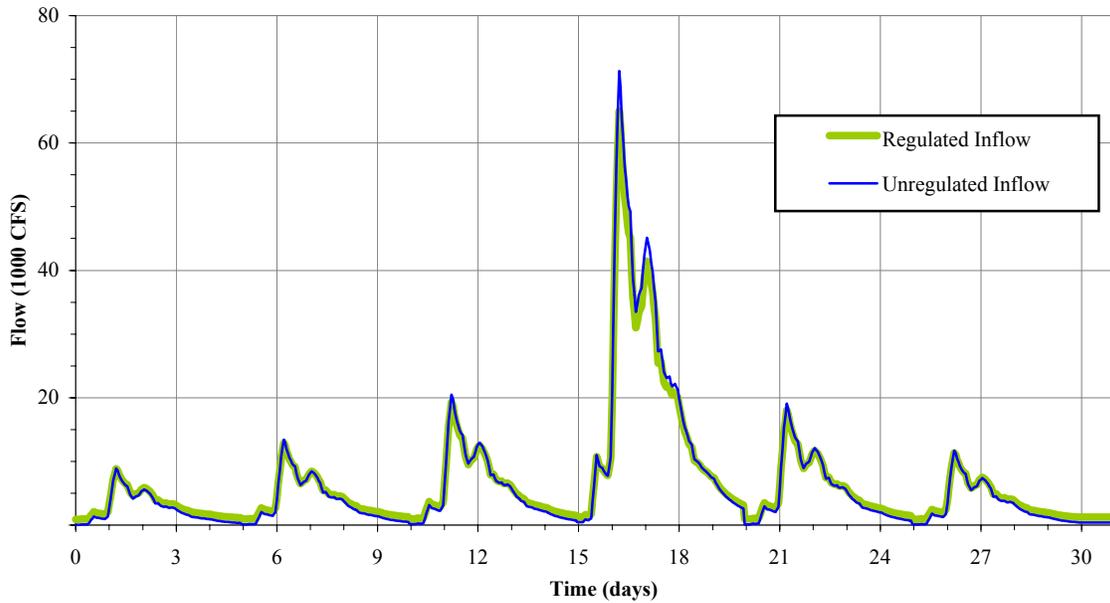


Pine Flat Operations (10% Chance Exceedence Event)

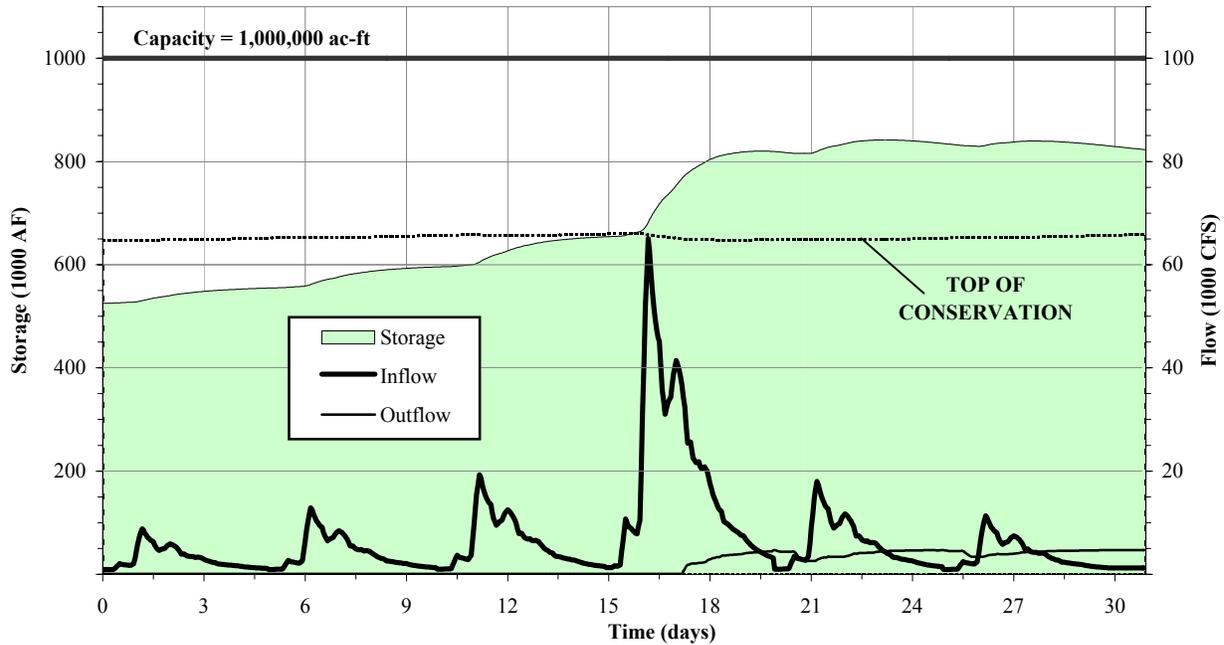


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-7b Reservoir Simulation Hydrographs Pine Flat (10% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

KINGS RIVER
Pine Flat Inflow (4% Chance Exceedence Event)
 Regulated and Unregulated Inflow



Pine Flat Operations (4% Chance Exceedence Event)

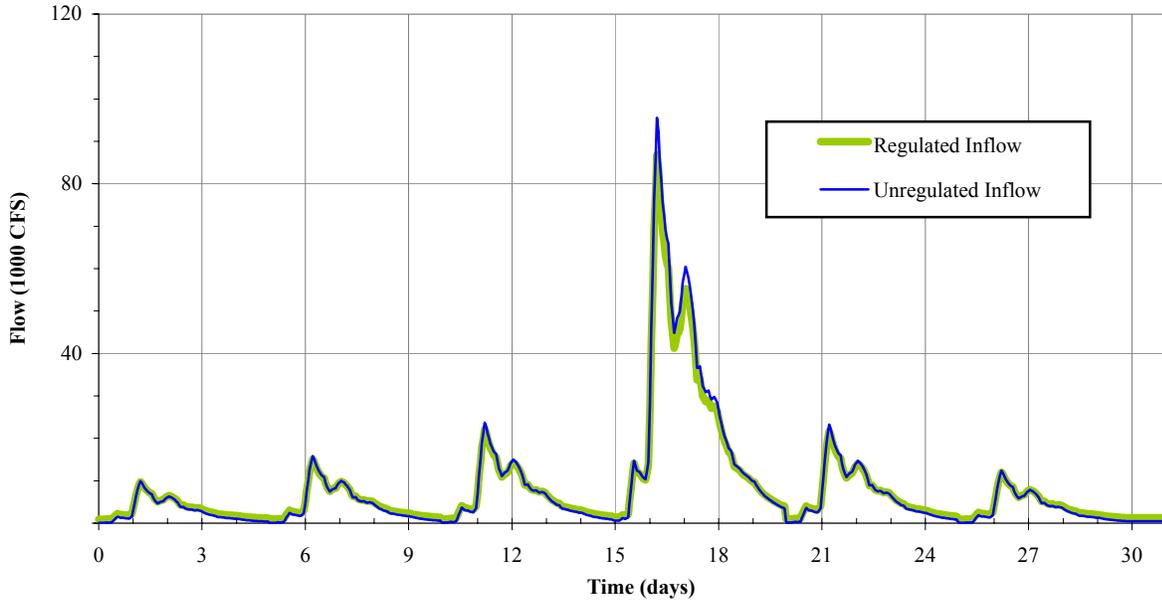


Sacramento & San Joaquin River Basins
 Comprehensive Study

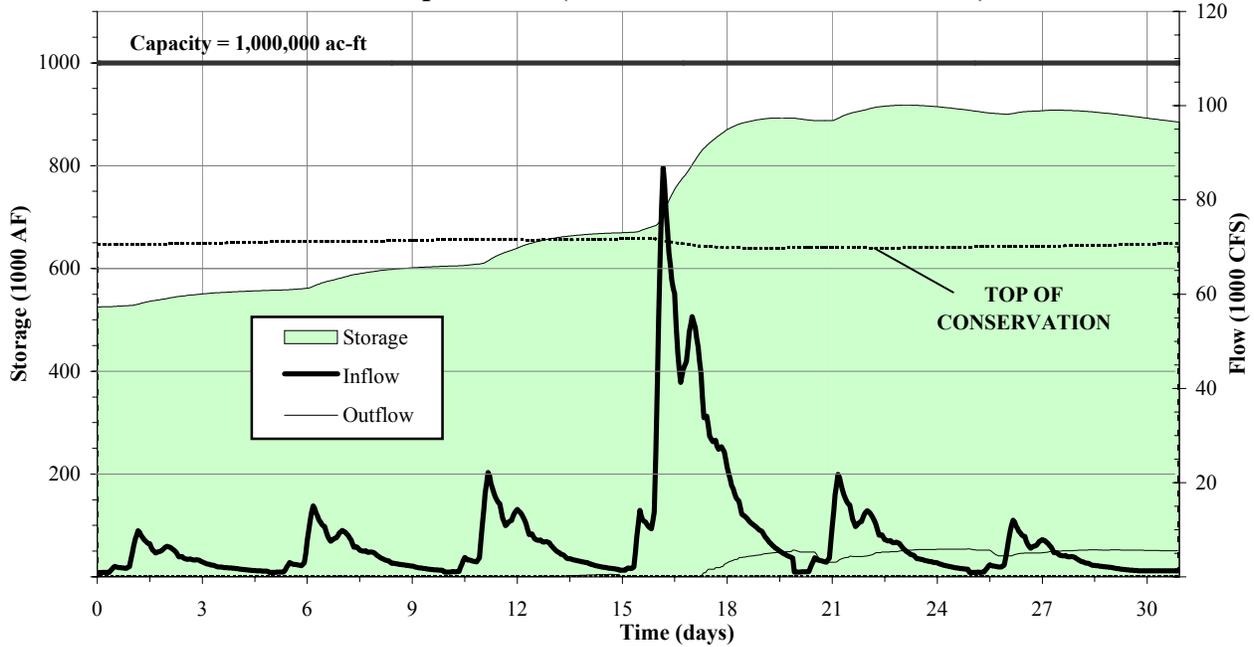
Figure C.1-7c
 Reservoir Simulation Hydrographs
 Pine Flat
 (4% Chance Exceedence Event)

US Army Corps of Engineers
 The Reclamation Board, State of California December 2002

KINGS RIVER
Pine Flat Inflow (2% Chance Exceedence Event)
 Regulated and Unregulated Inflow

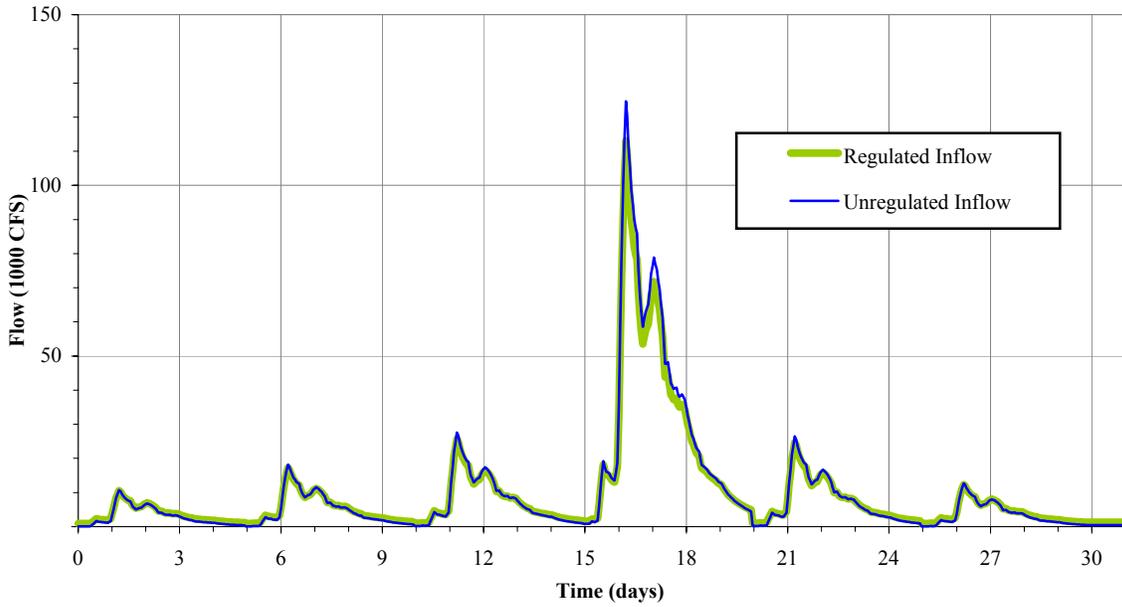


Pine Flat Operations (2% Chance Exceedence Event)

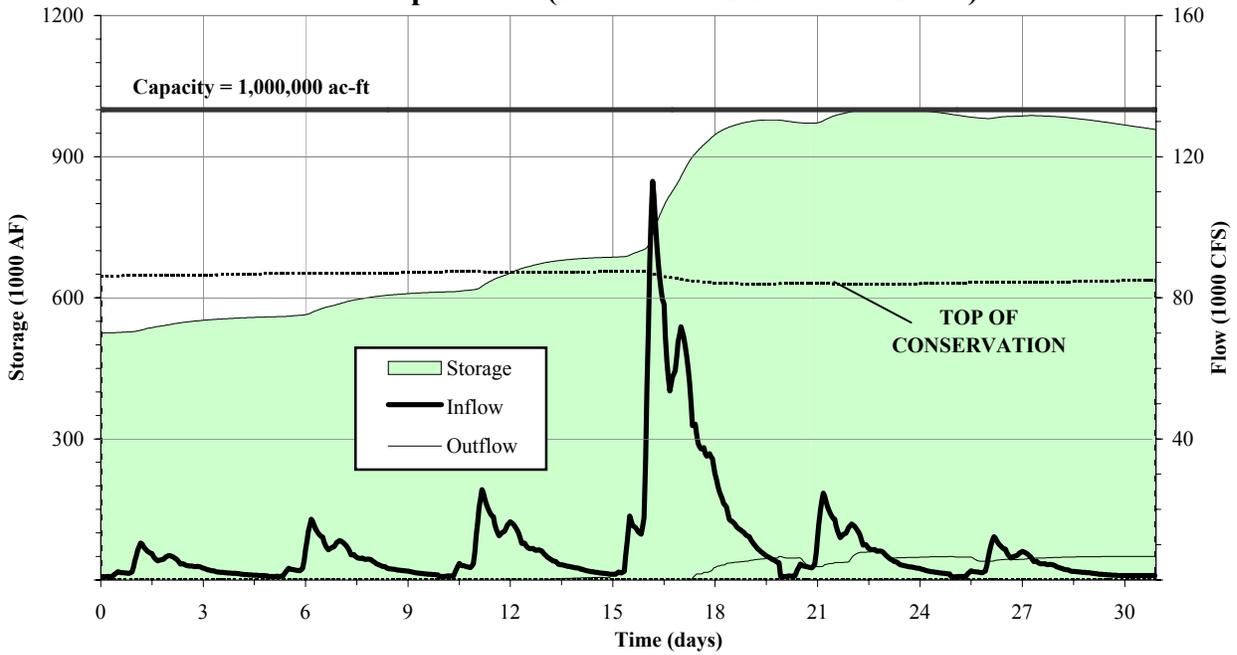


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-7d Reservoir Simulation Hydrographs Pine Flat (2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

KINGS RIVER
Pine Flat Inflow (1% Chance Exceedence Event)
Regulated and Unregulated Inflow

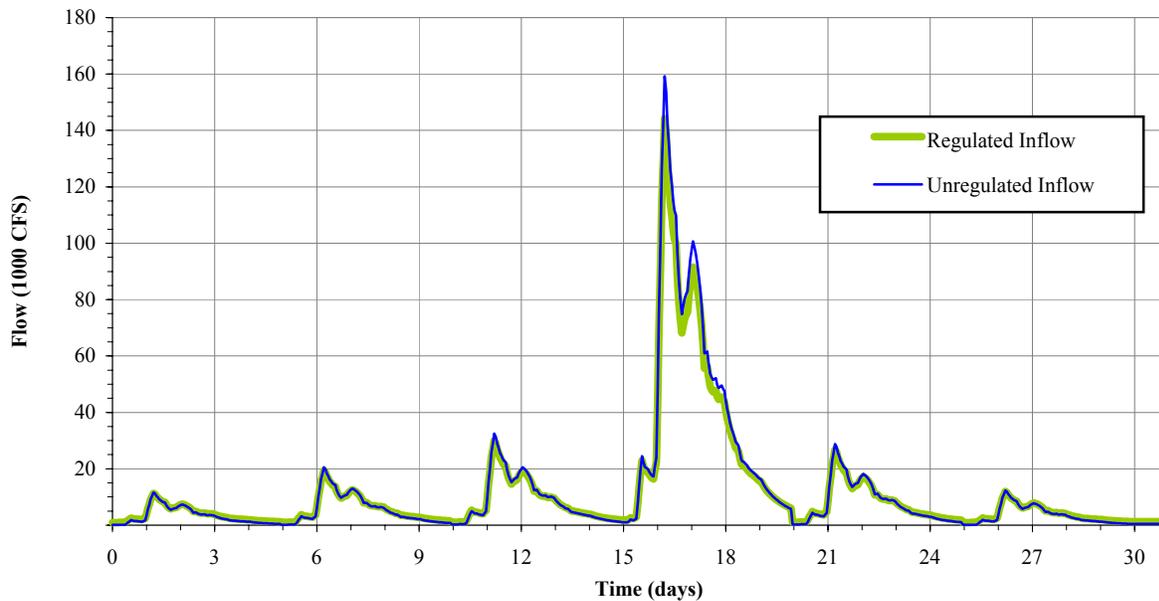


Pine Flat Operations (1% Chance Exceedence Event)

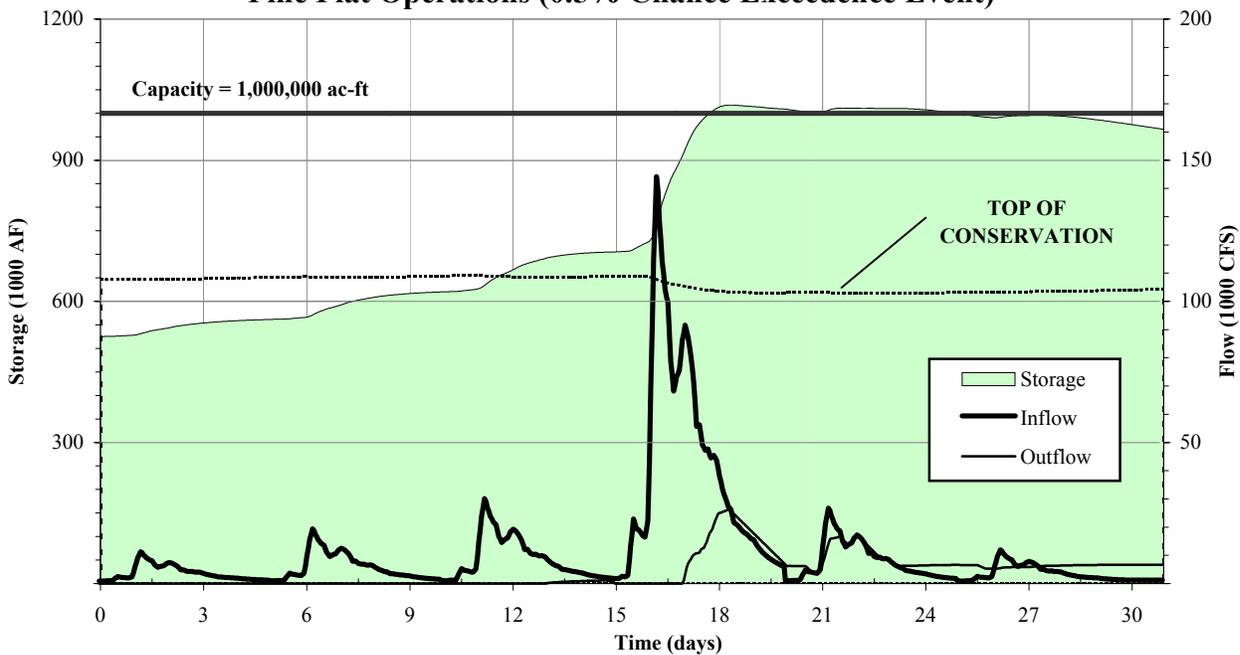


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-7e Reservoir Simulation Hydrographs Pine Flat (1% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

KINGS RIVER
Pine Flat Inflow (0.5% Chance Exceedence Event)
 Regulated and Unregulated Inflow

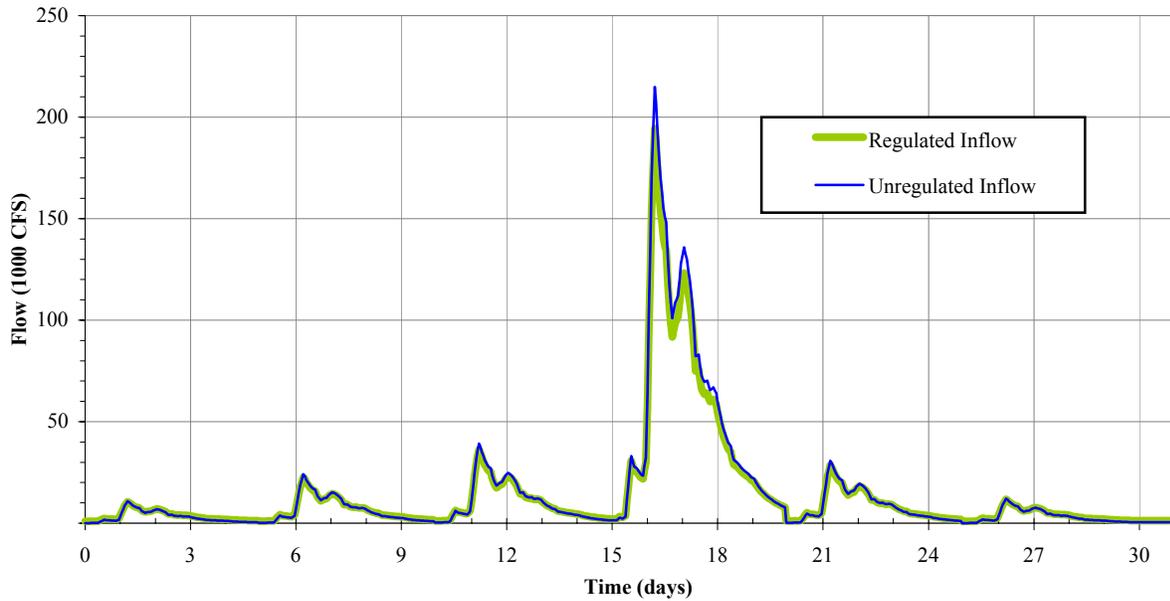


Pine Flat Operations (0.5% Chance Exceedence Event)

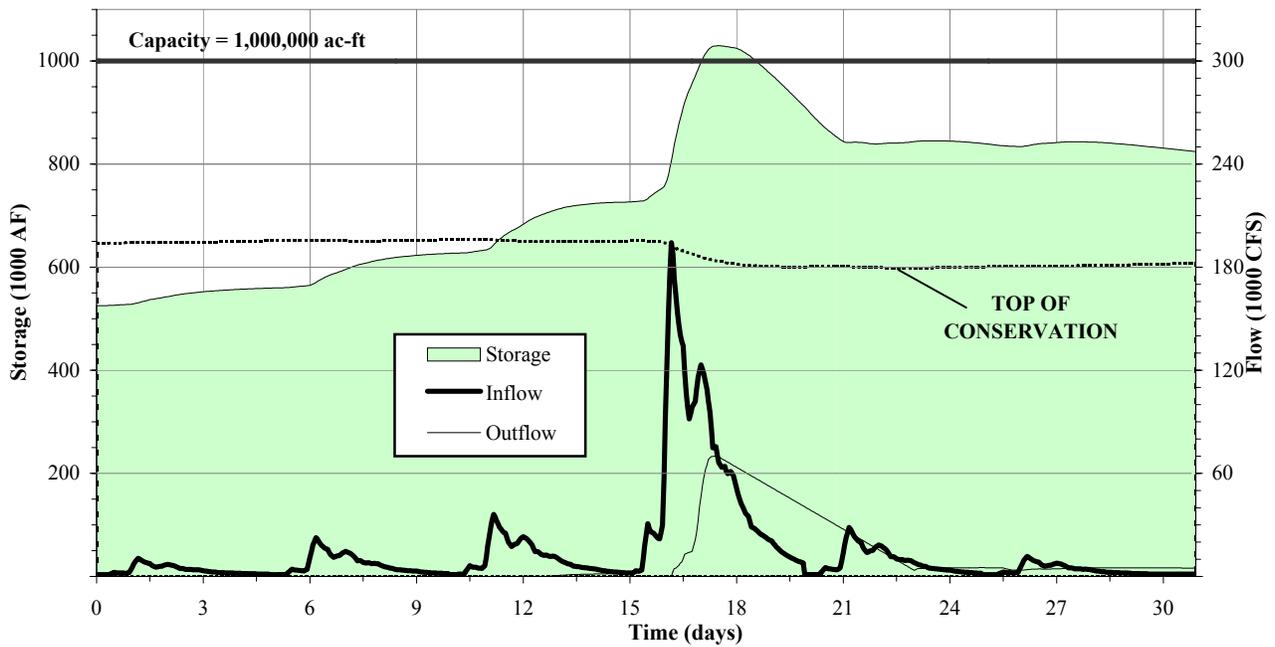


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-7f Reservoir Simulation Hydrographs Pine Flat (0.5% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

KINGS RIVER
Pine Flat Inflow (0.2% Chance Exceedence Event)
 Regulated and Unregulated Inflow



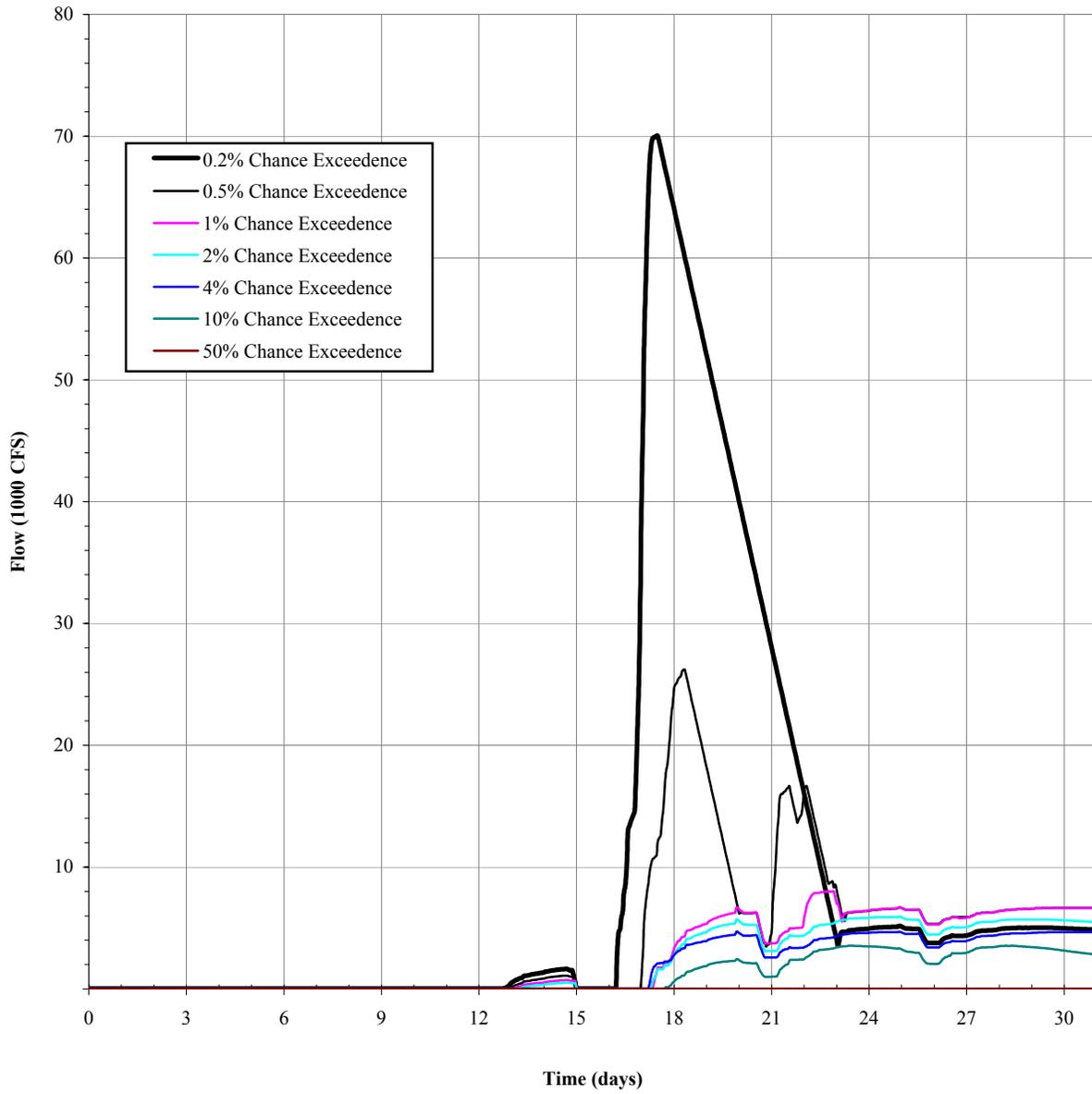
Pine Flat Operations (0.2% Chance Exceedence Event)



Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-7g Reservoir Simulation Hydrographs Pine Flat (0.2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

Pine Flat Outflow

Regulated Outflow Hydrographs

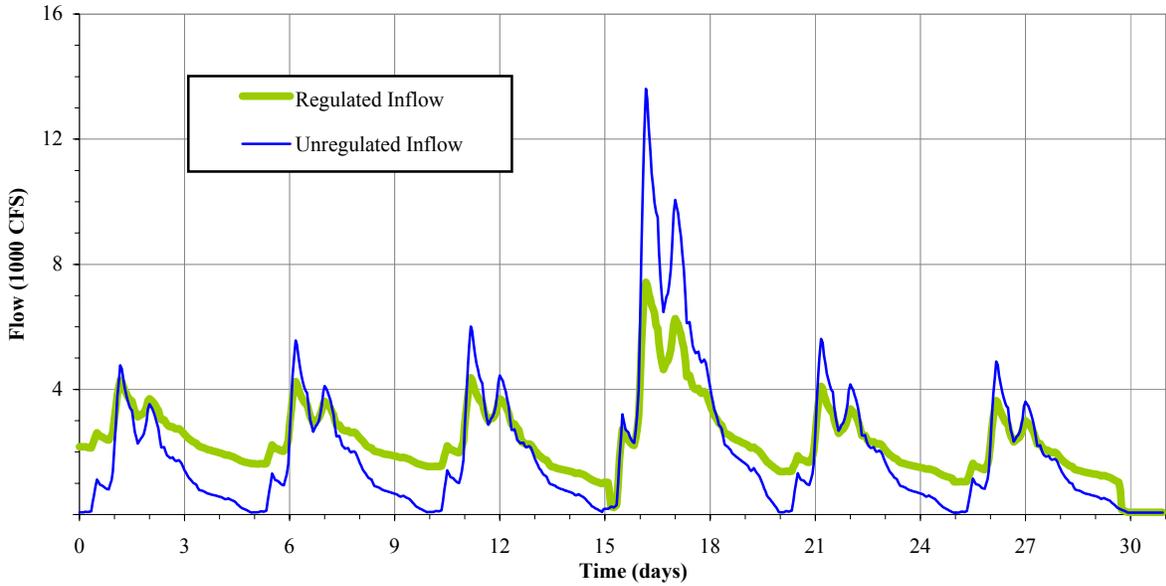


Sacramento & San Joaquin River Basins
Comprehensive Study

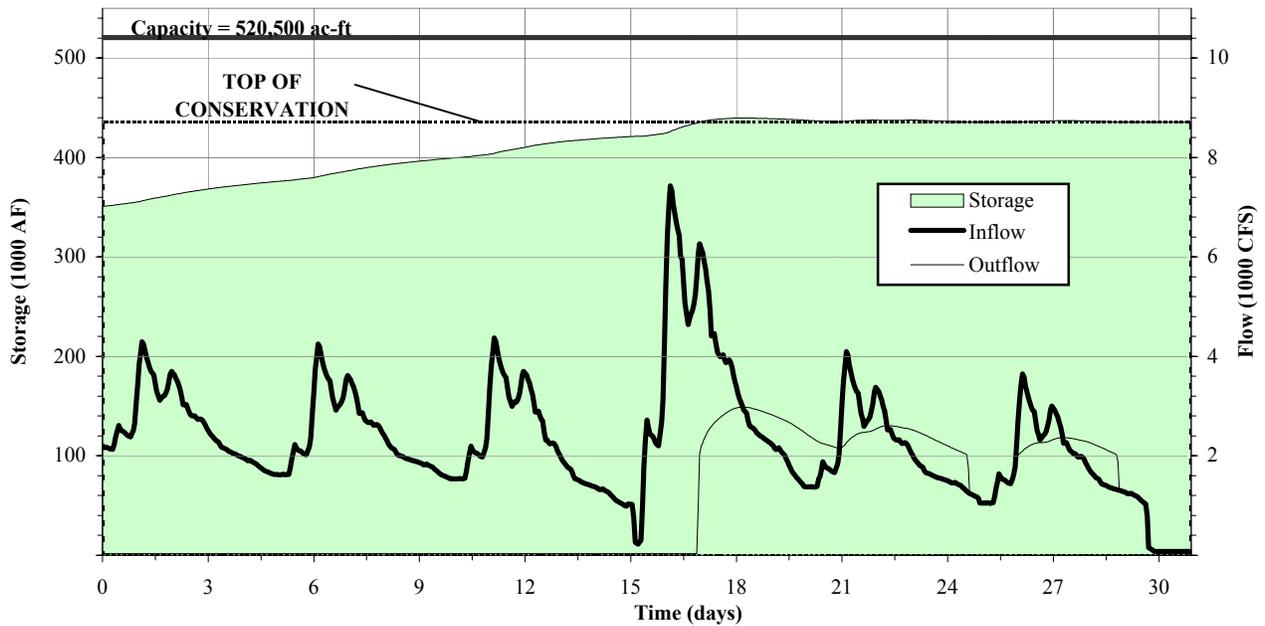
Figure C.1-7h
Reservoir Simulation Hydrographs
Regulated Outflow - Pine Flat

US Army Corps of Engineers
The Reclamation Board, State of California December 2002

SAN JOAQUIN RIVER
Friant Inflow (50% Chance Exceedence Event)
 Regulated and Unregulated Inflow

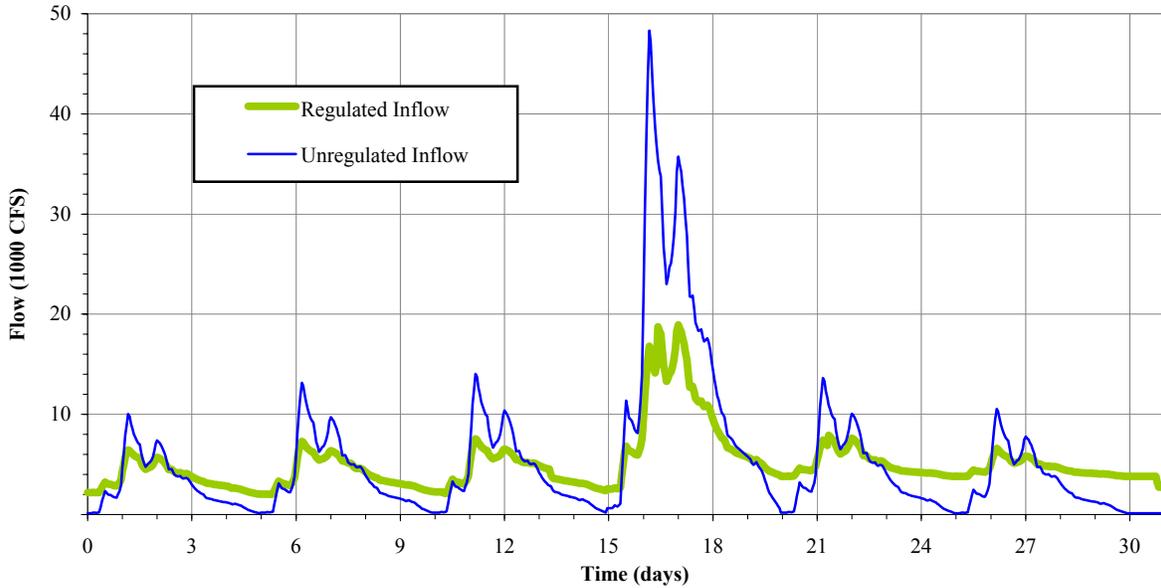


Friant Operations (50% Chance Exceedence Event)

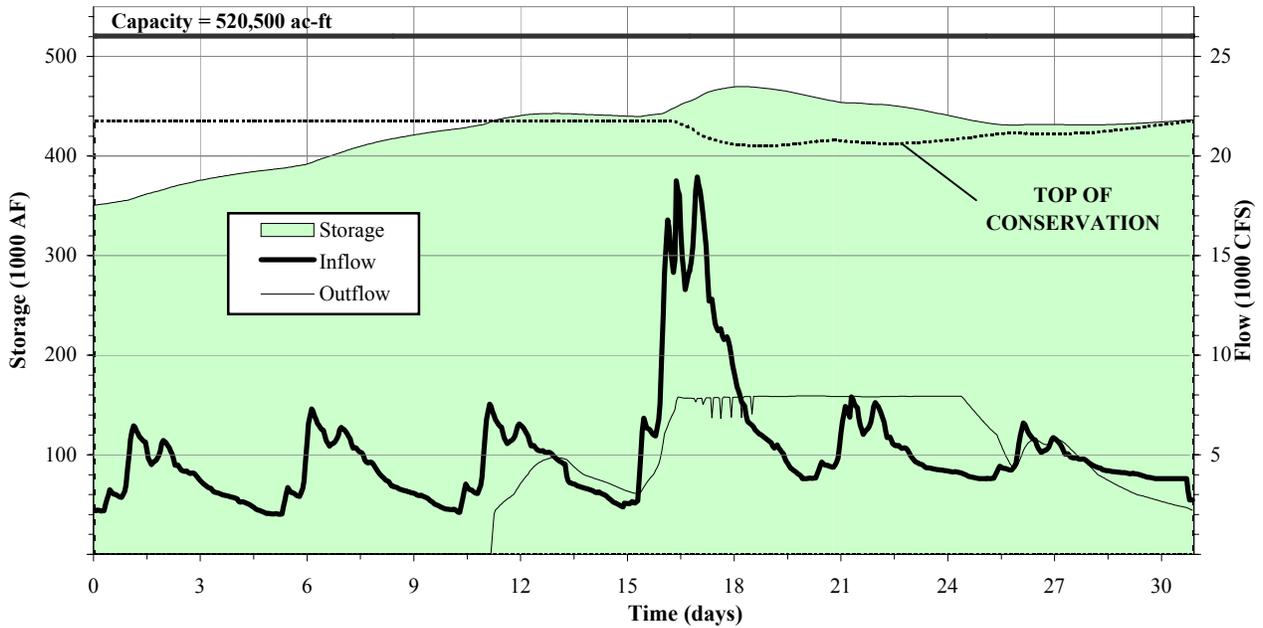


Sacramento & San Joaquin River Basins Comprehensive Study	
Figure C.1-8a Reservoir Simulation Hydrographs Friant (50% Chance Exceedence Event)	
US Army Corps of Engineers The Reclamation Board, State of California	December 2002

SAN JOAQUIN RIVER
Friant Inflow (10% Chance Exceedence Event)
 Regulated and Unregulated Inflow



Friant Operations (10% Chance Exceedence Event)

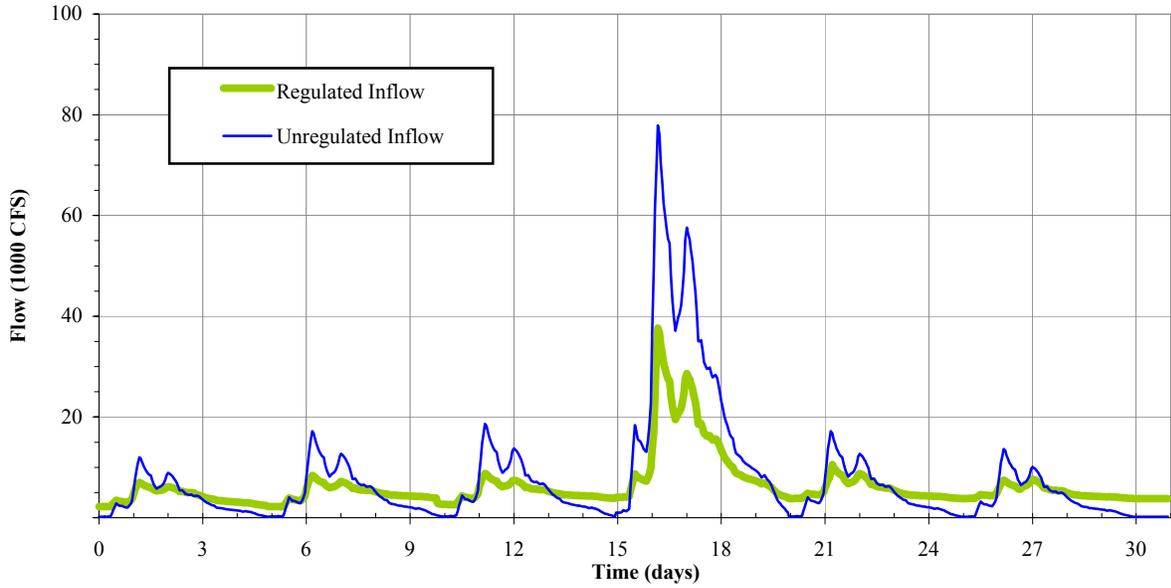


Sacramento & San Joaquin River Basins
 Comprehensive Study

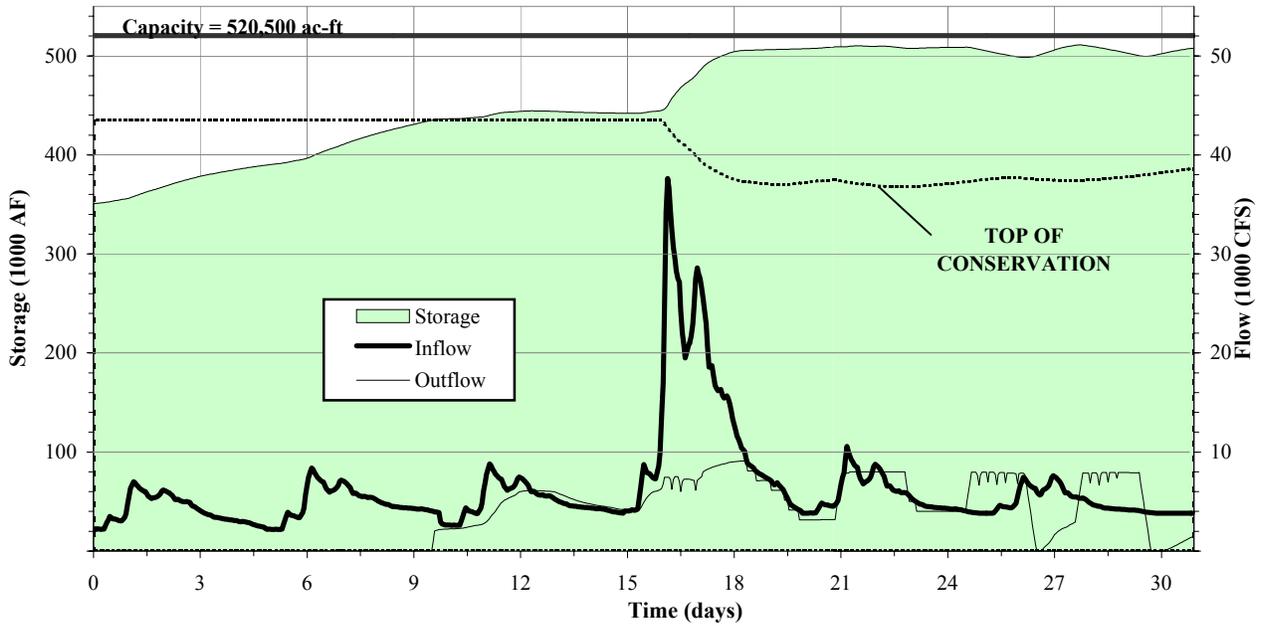
Figure C.1-8b
 Reservoir Simulation Hydrographs
 Friant
 (10% Chance Exceedence Event)

US Army Corps of Engineers
 The Reclamation Board, State of California December 2002

SAN JOAQUIN RIVER
Friant Inflow (4% Chance Exceedence Event)
 Regulated and Unregulated Inflow

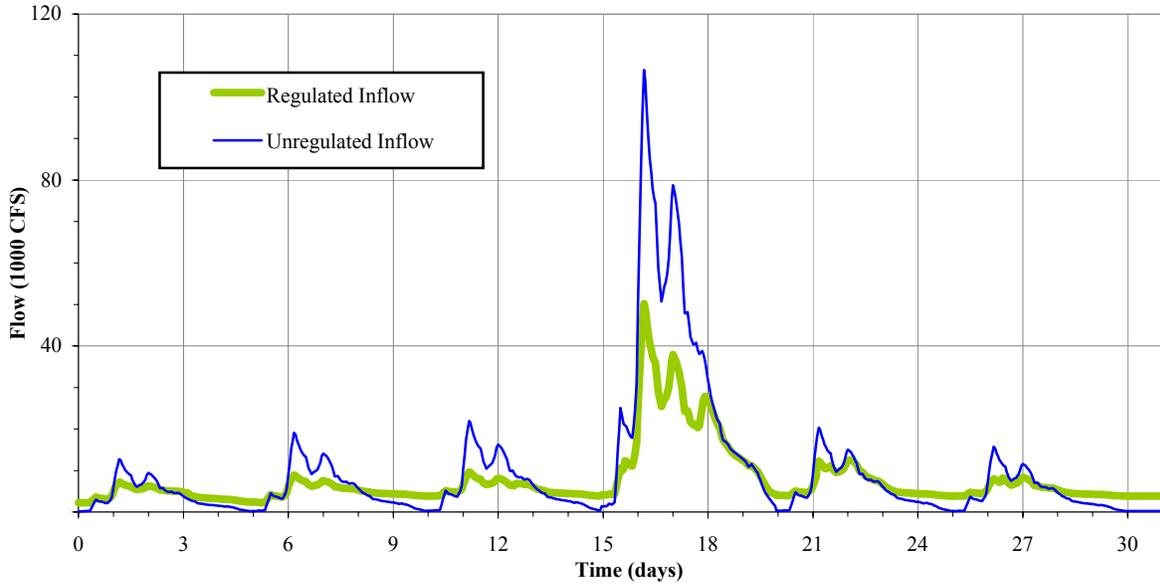


Friant Operations (4% Chance Exceedence Event)

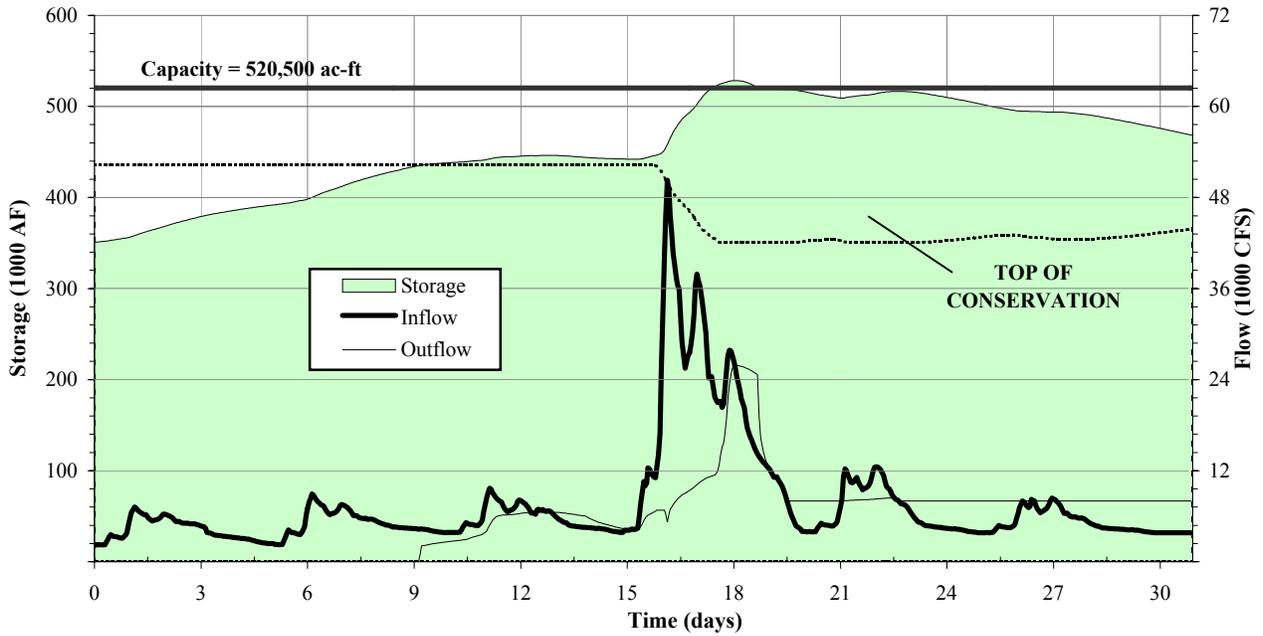


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-8c Reservoir Simulation Hydrographs Friant (4% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

SAN JOAQUIN RIVER
Friant Inflow (2% Chance Exceedence Event)
 Regulated and Unregulated Inflow

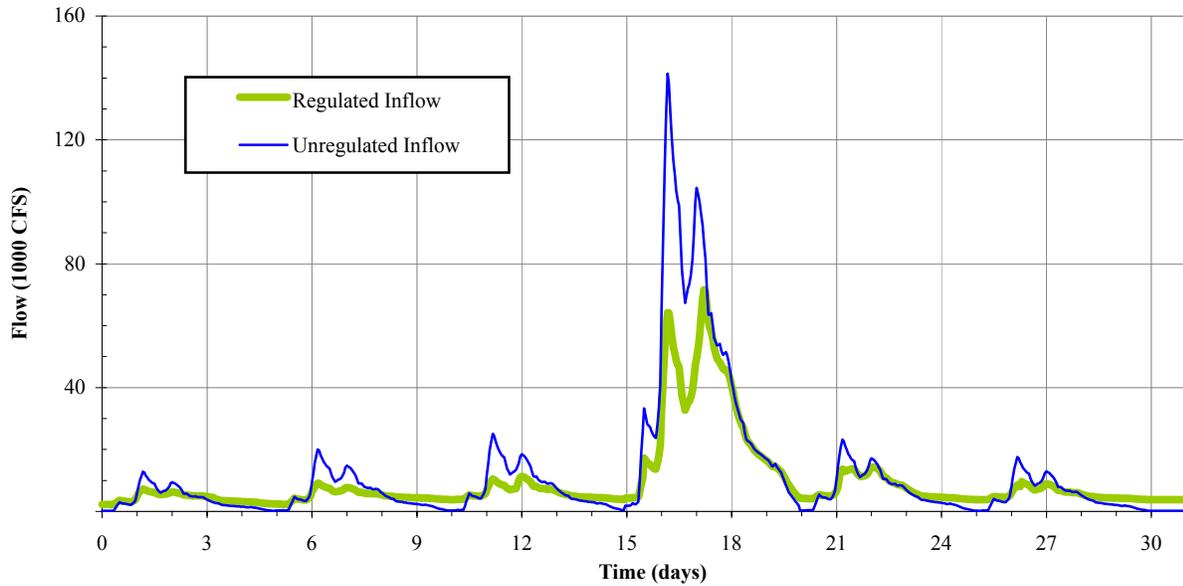


Friant Operations (2% Chance Exceedence Event)

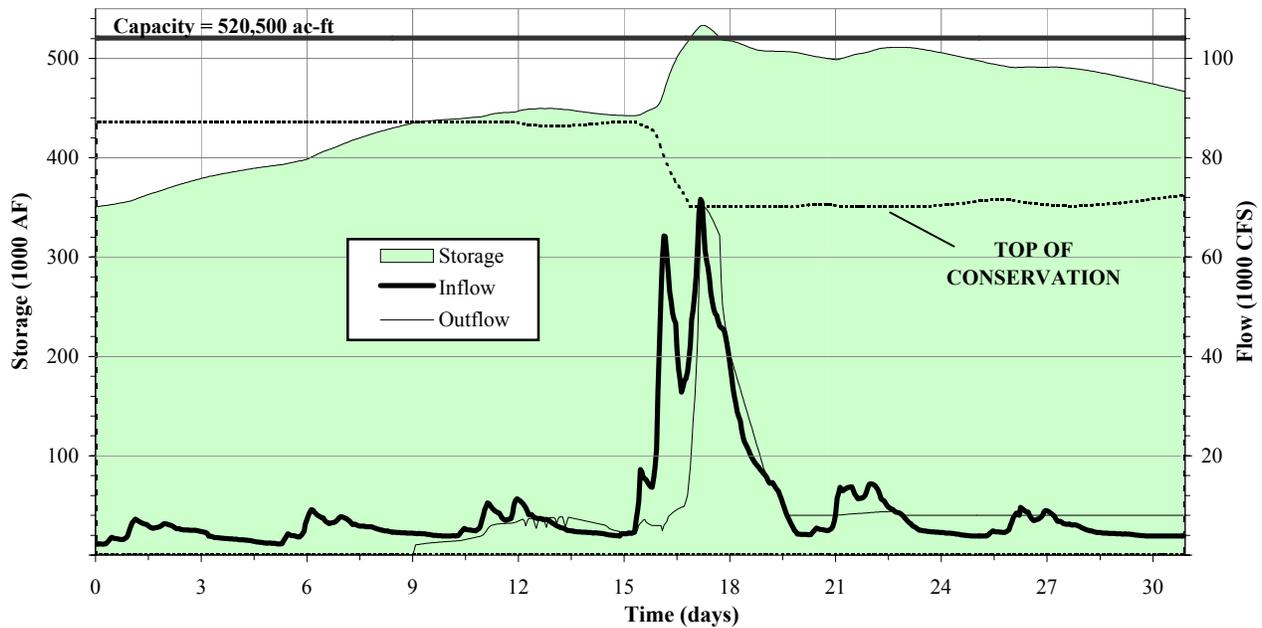


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-8d Reservoir Simulation Hydrographs Friant (2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

SAN JOAQUIN RIVER
Friant Inflow (1% Chance Exceedence Event)
 Regulated and Unregulated Inflow

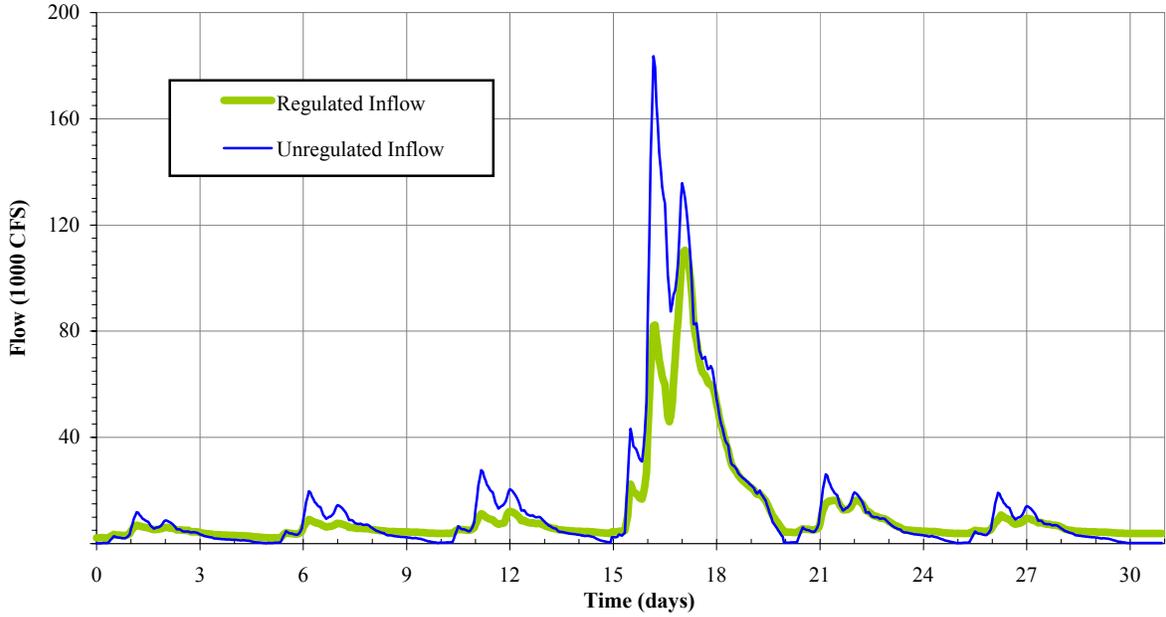


Friant Operations (1% Chance Exceedence Event)

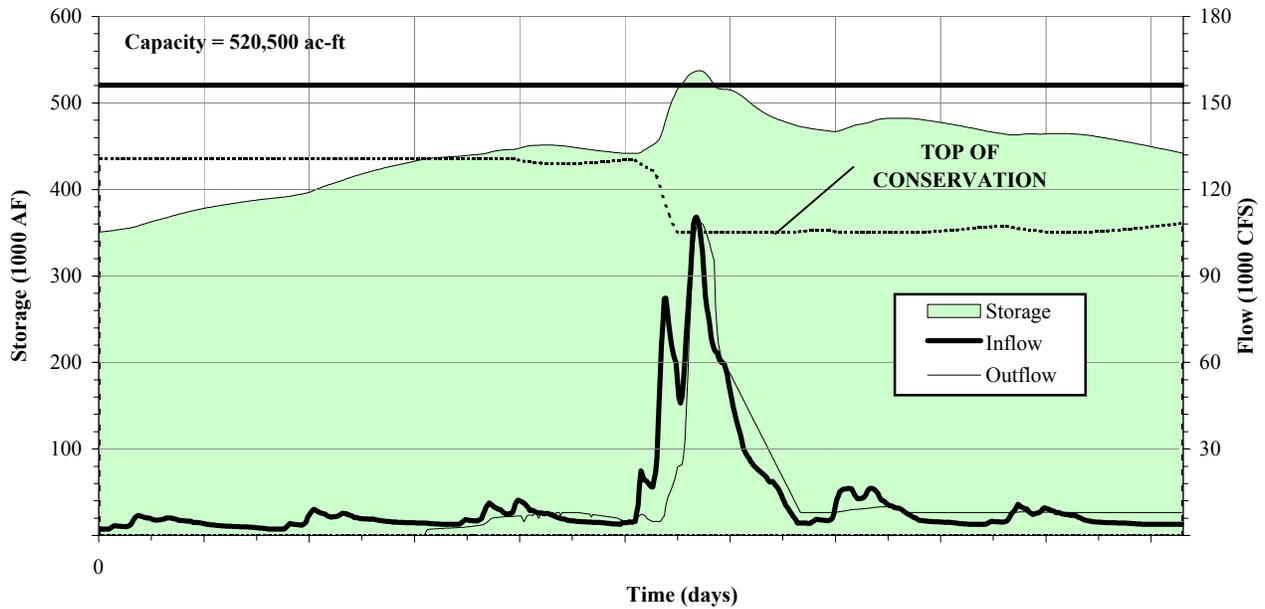


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-8e Reservoir Simulation Hydrographs Friant (1% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

SAN JOAQUIN RIVER
Friant Inflow (0.5% Chance Exceedence Event)
 Regulated and Unregulated Inflow



Friant Operations (0.5% Chance Exceedence Event)

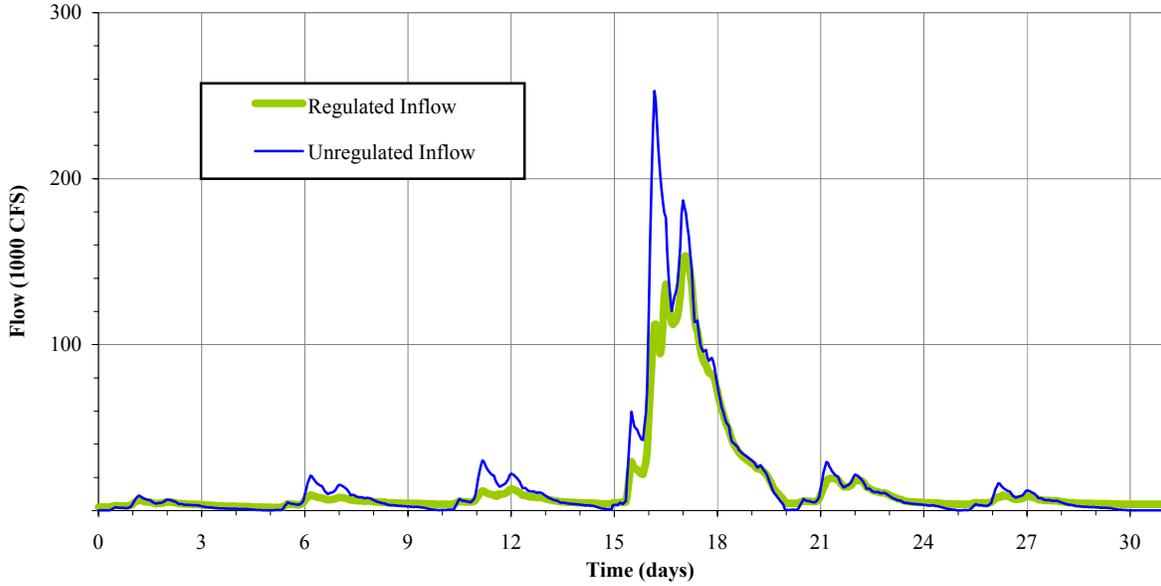


Sacramento & San Joaquin River Basins
 Comprehensive Study

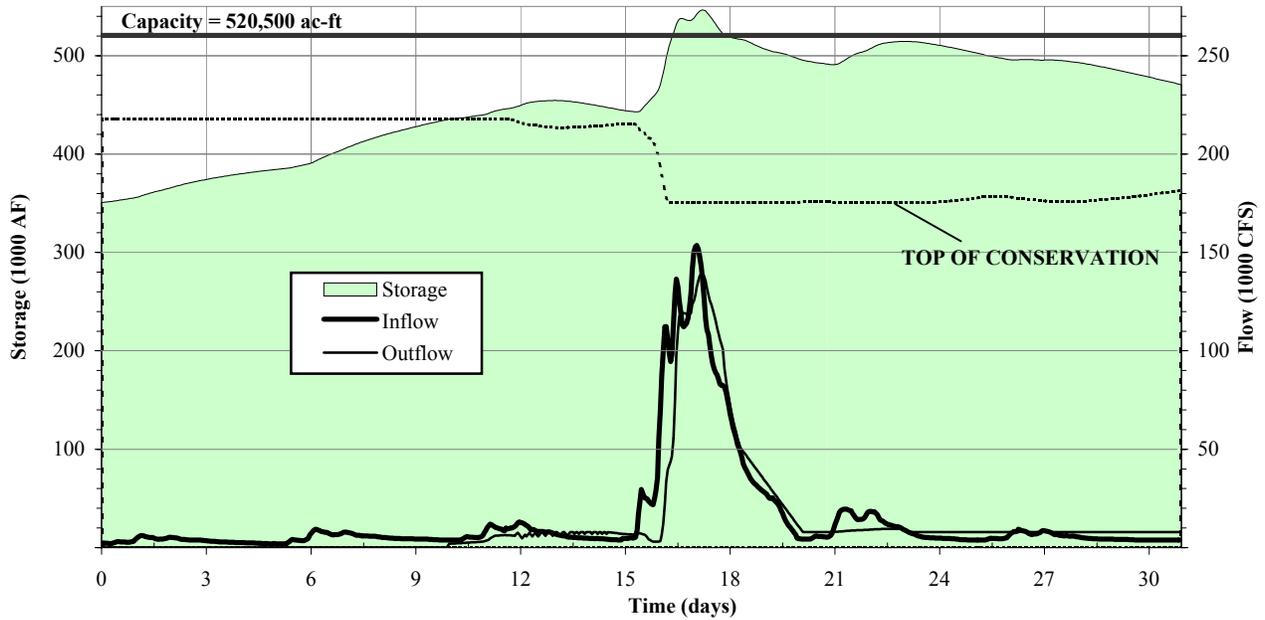
Figure C.1-8f
 Reservoir Simulation Hydrographs
 Friant
 (0.5% Chance Exceedence Event)

US Army Corps of Engineers
 The Reclamation Board, State of California December 2002

SAN JOAQUIN RIVER
Friant Inflow (0.2% Chance Exceedence Event)
 Regulated and Unregulated Inflow



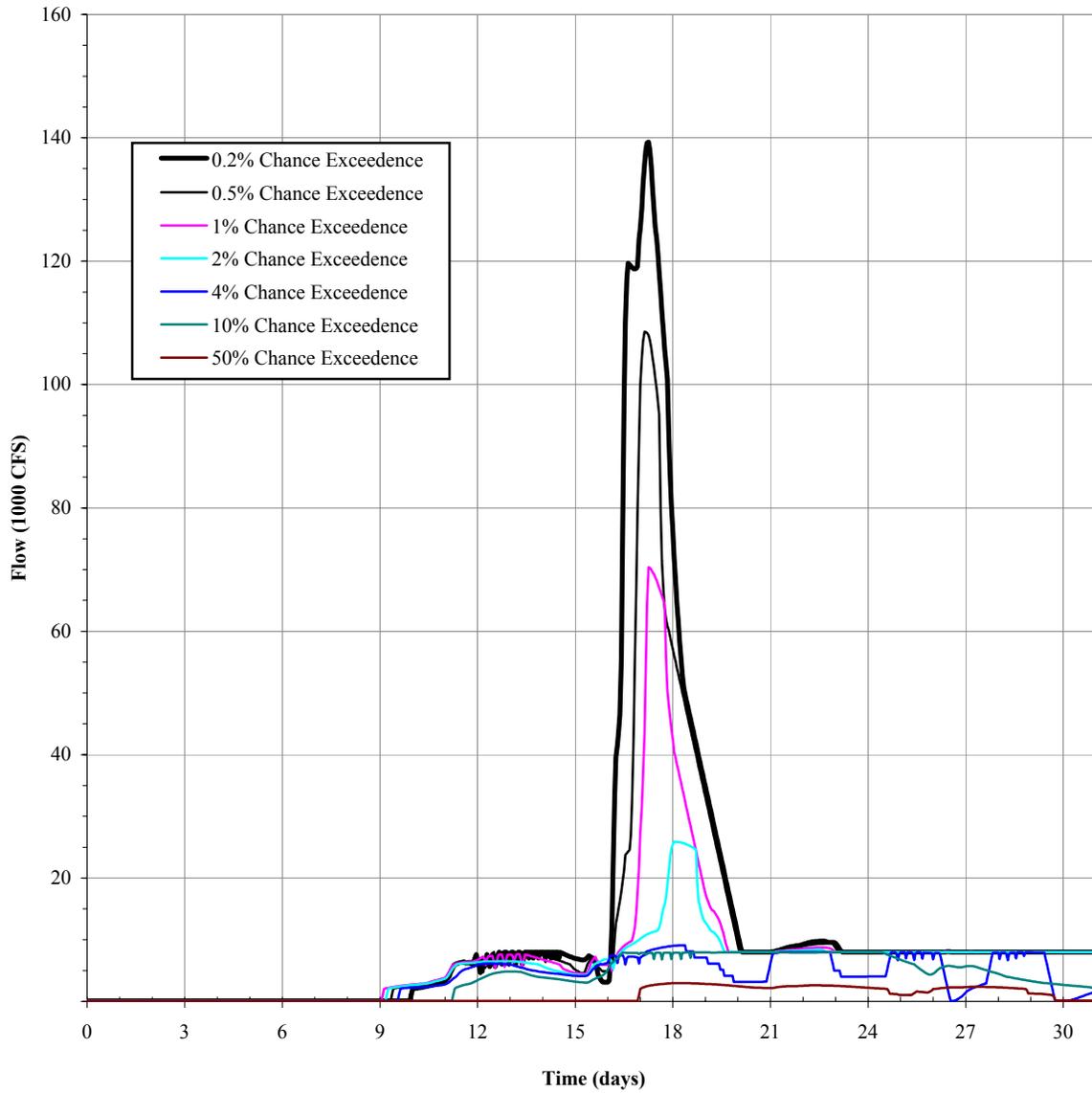
Friant Operations (0.2% Chance Exceedence Event)



Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-8g Reservoir Simulation Hydrographs Friant (0.2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

Friant Outflow

Regulated Outflow Hydrographs



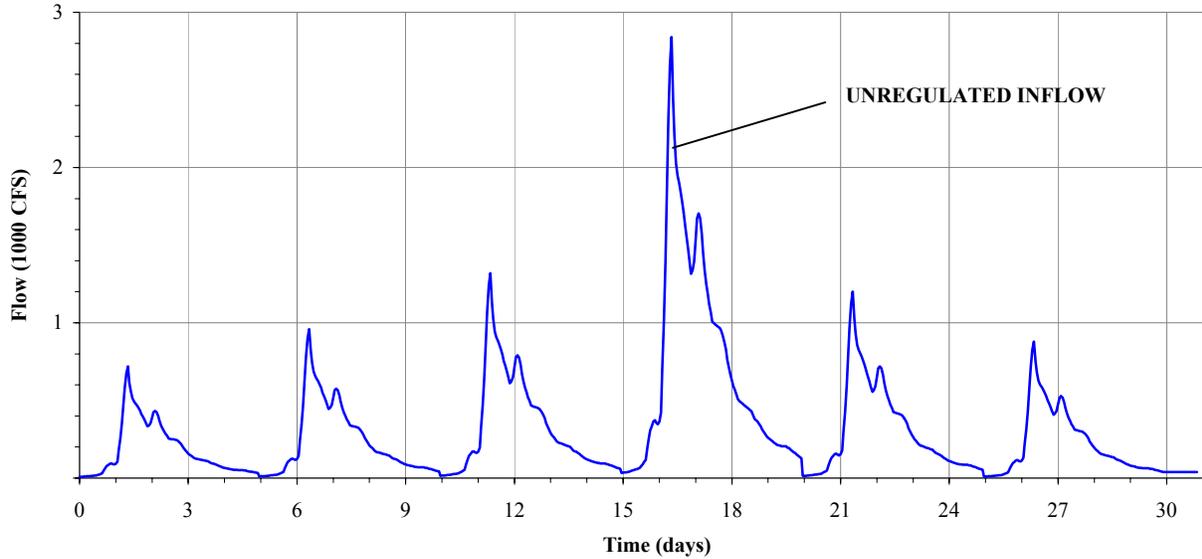
Sacramento & San Joaquin River Basins
Comprehensive Study

Figure C.1-8h
Reservoir Simulation Hydrographs
Regulated Outflow - Friant

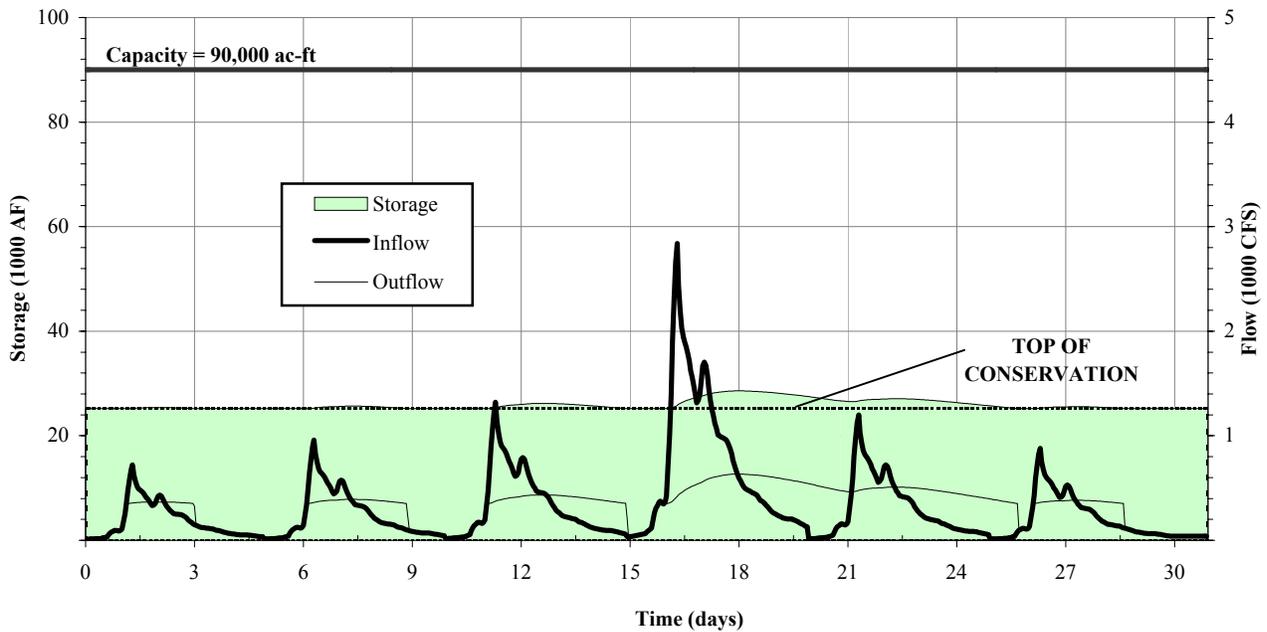
US Army Corps of Engineers
The Reclamation Board, State of California December 2002

FRESNO RIVER
Hidden Inflow (50% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Hidden Operations (50% Chance Exceedence Event)



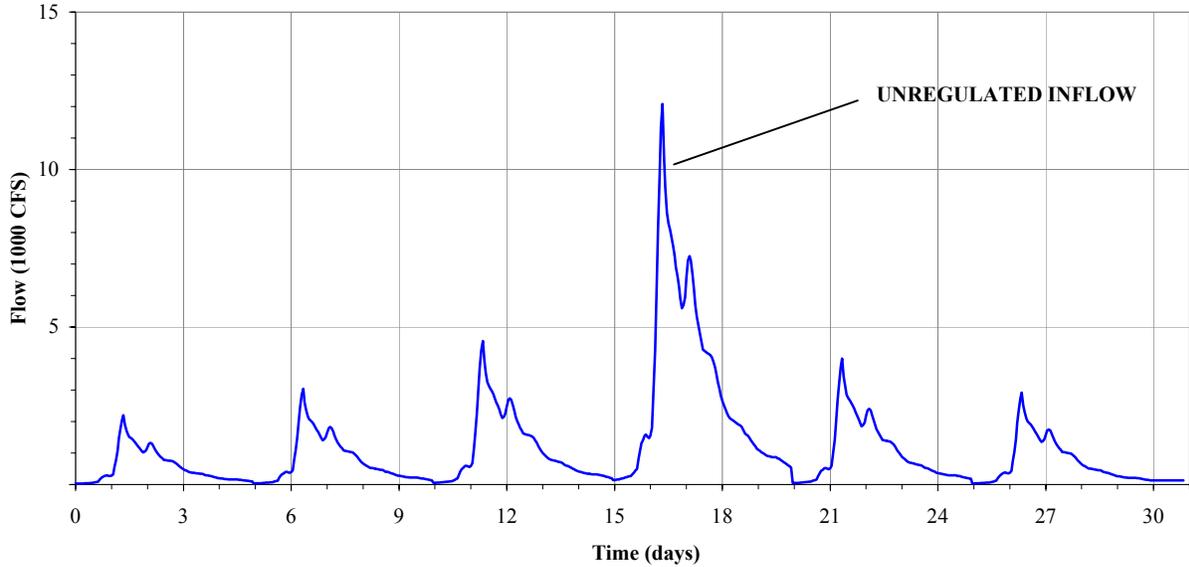
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-9a Reservoir Simulation Hydrographs Hidden (50% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

FRESNO RIVER

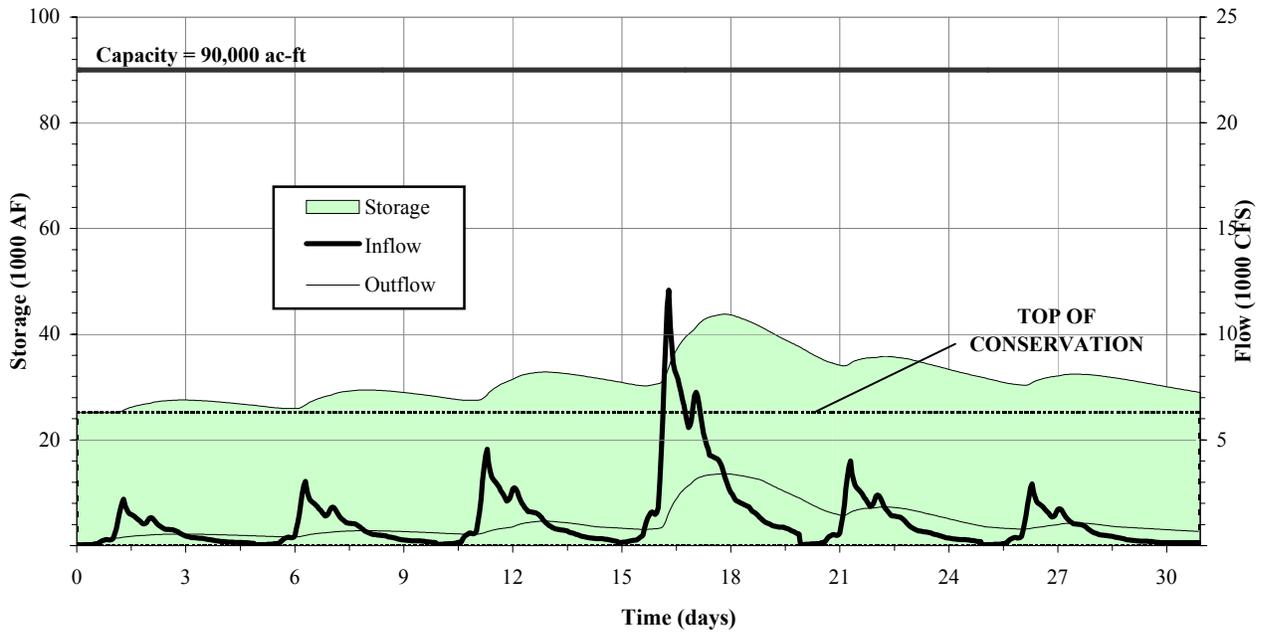
Hidden Inflow (10% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Hidden Operations (10% Chance Exceedence Event)



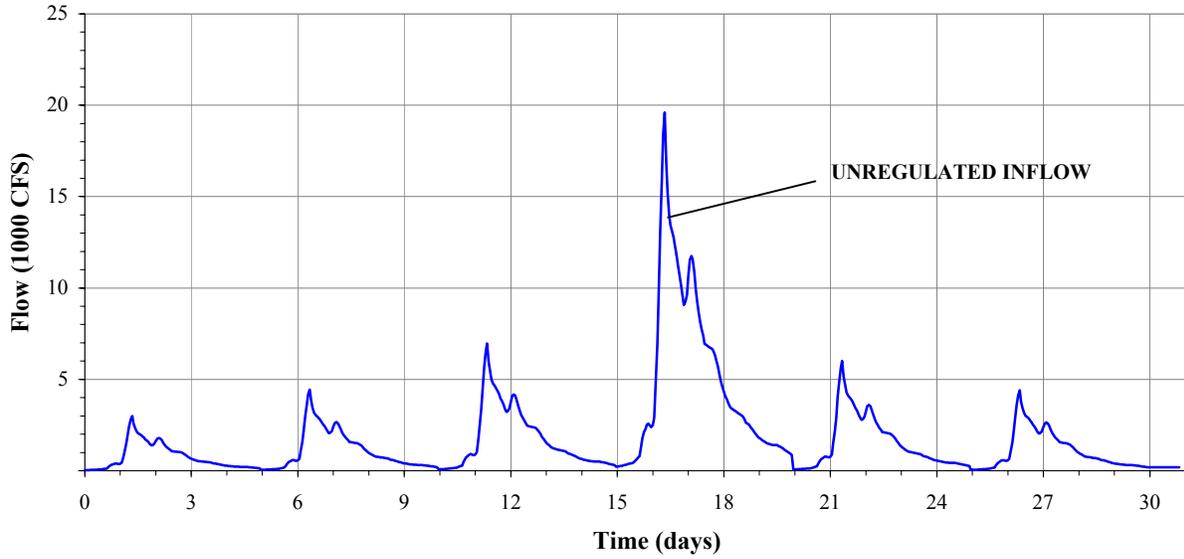
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-9b Reservoir Simulation Hydrographs Hidden (10% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

FRESNO RIVER

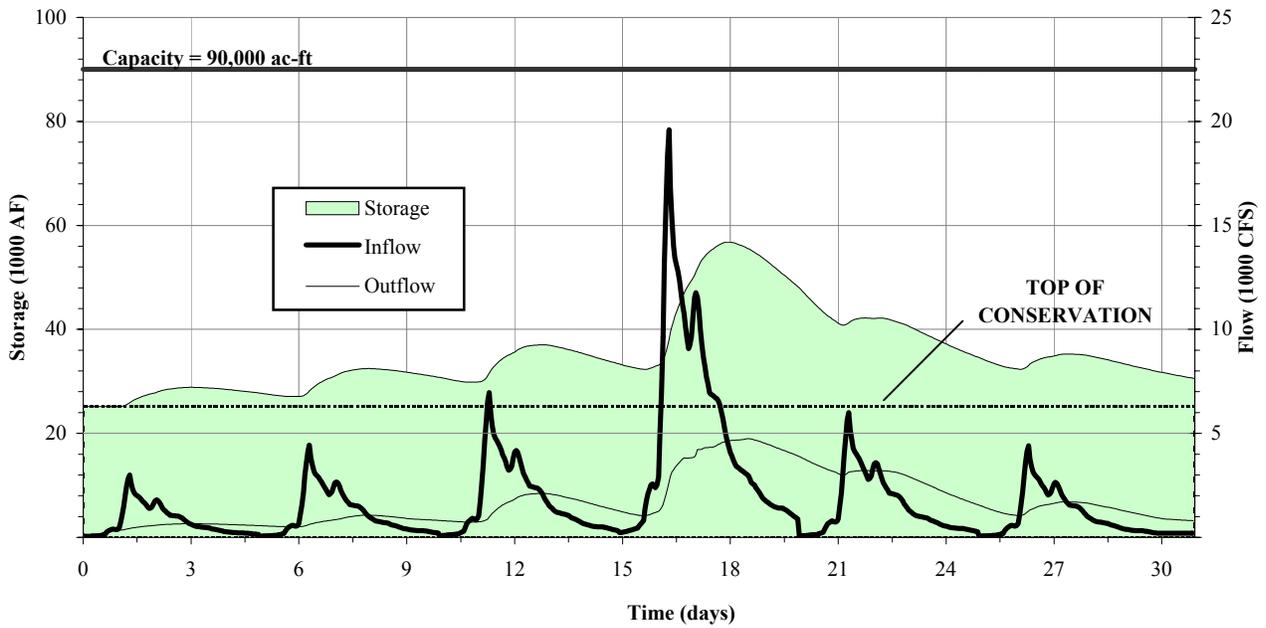
Hidden Inflow (4% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Hidden Operations (4% Chance Exceedence Event)



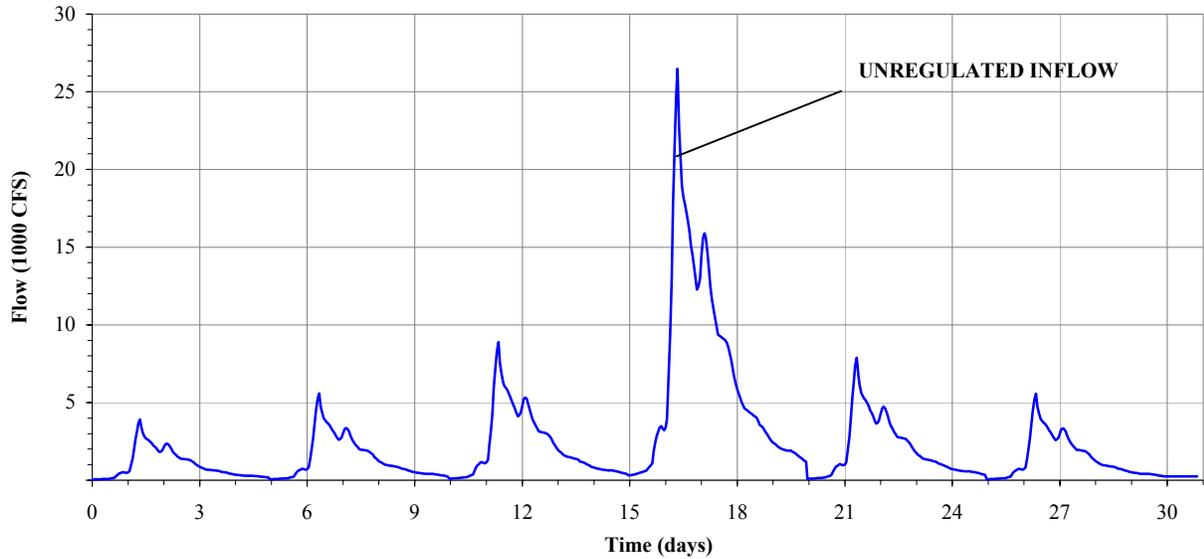
Sacramento & San Joaquin River Basins Comprehensive Study	
Figure C.1-9c Reservoir Simulation Hydrographs Hidden (4% Chance Exceedence Event)	
US Army Corps of Engineers The Reclamation Board, State of California December 2002	

FRESNO RIVER

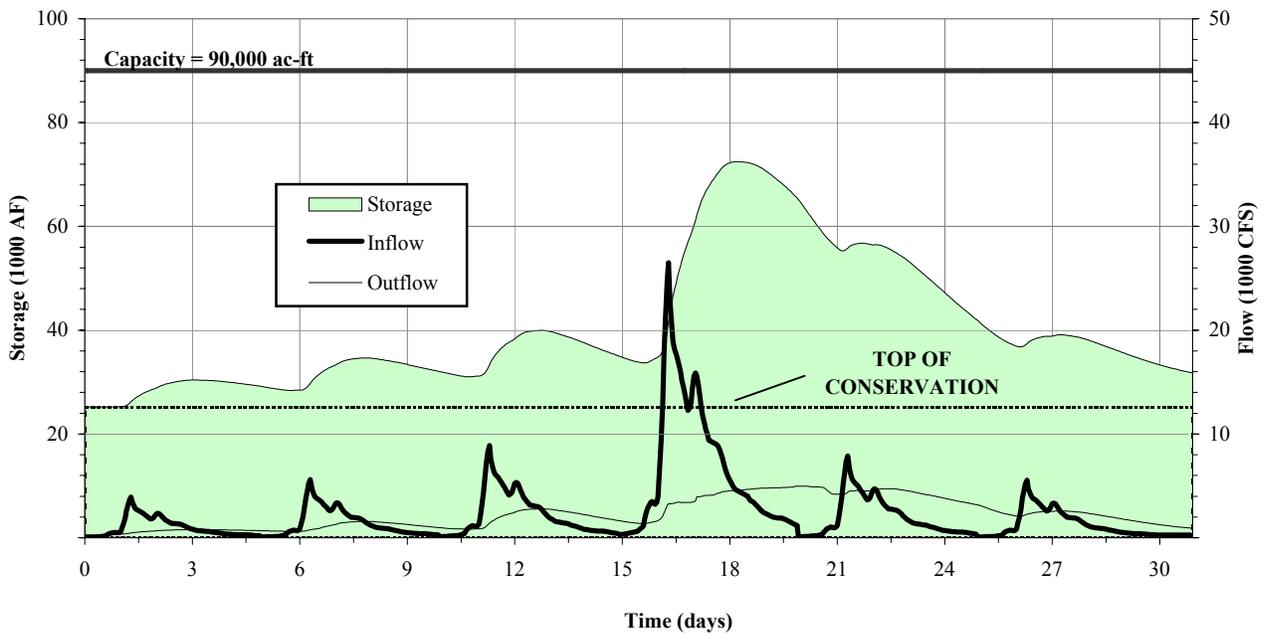
Hidden Inflow (2% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



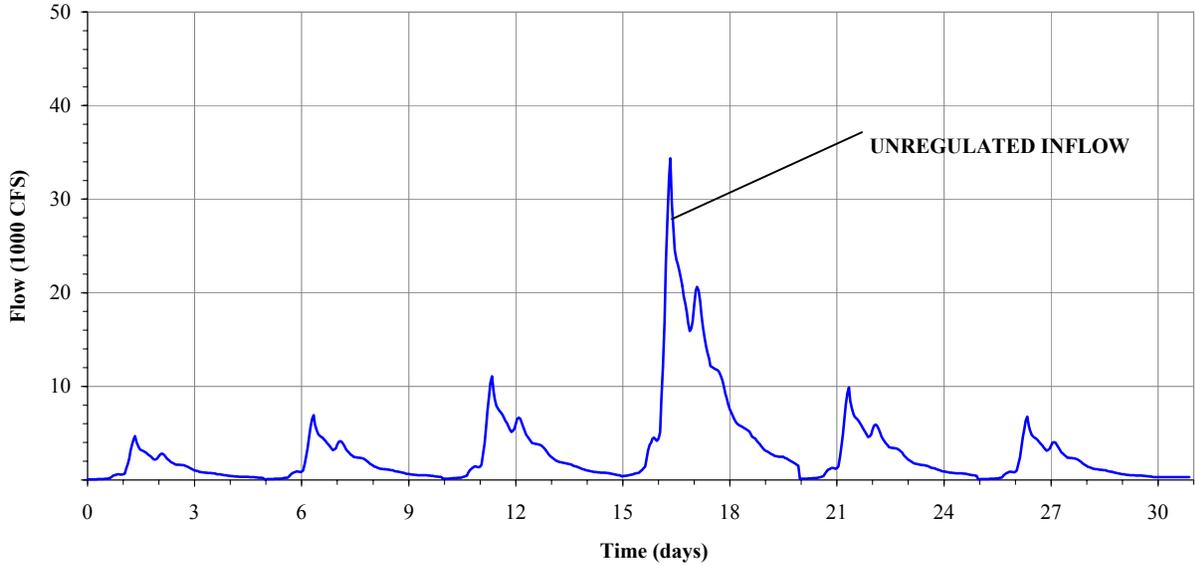
Hidden Operations (2% Chance Exceedence Event)



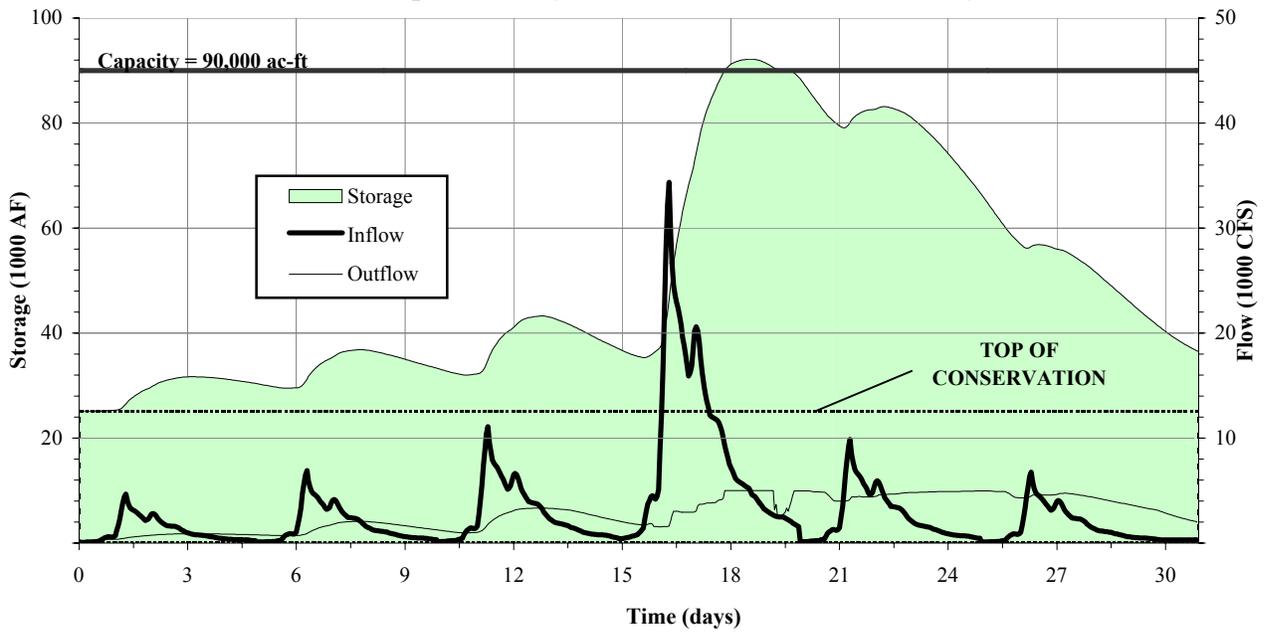
Sacramento & San Joaquin River Basins Comprehensive Study	
Figure C.1-9d Reservoir Simulation Hydrographs Hidden (2% Chance Exceedence Event)	
US Army Corps of Engineers The Reclamation Board, State of California December 2002	

FRESNO RIVER
Hidden Inflow (1% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



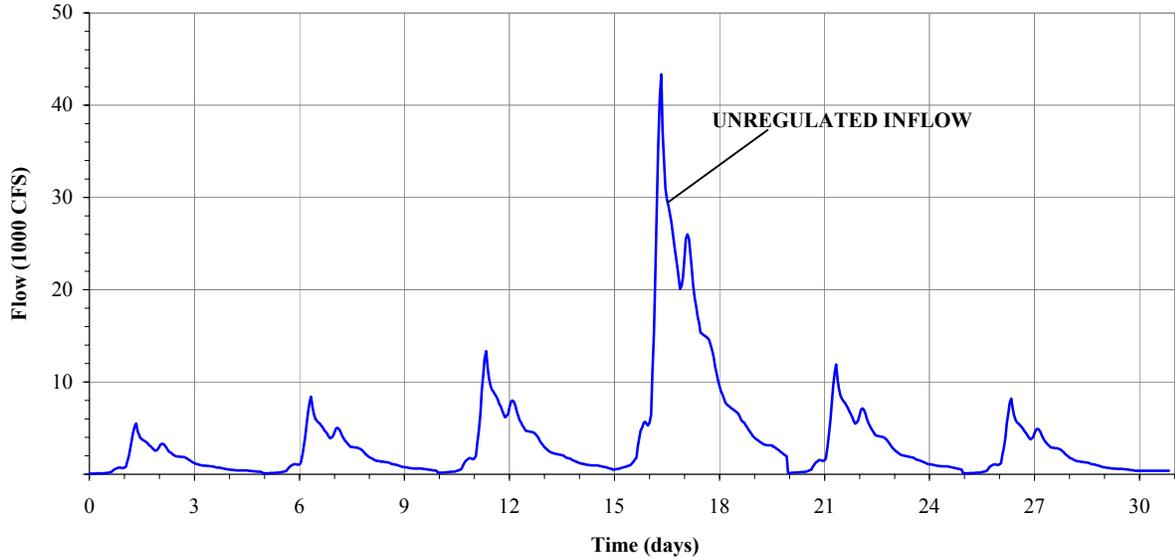
Hidden Operations (1% Chance Exceedence Event)



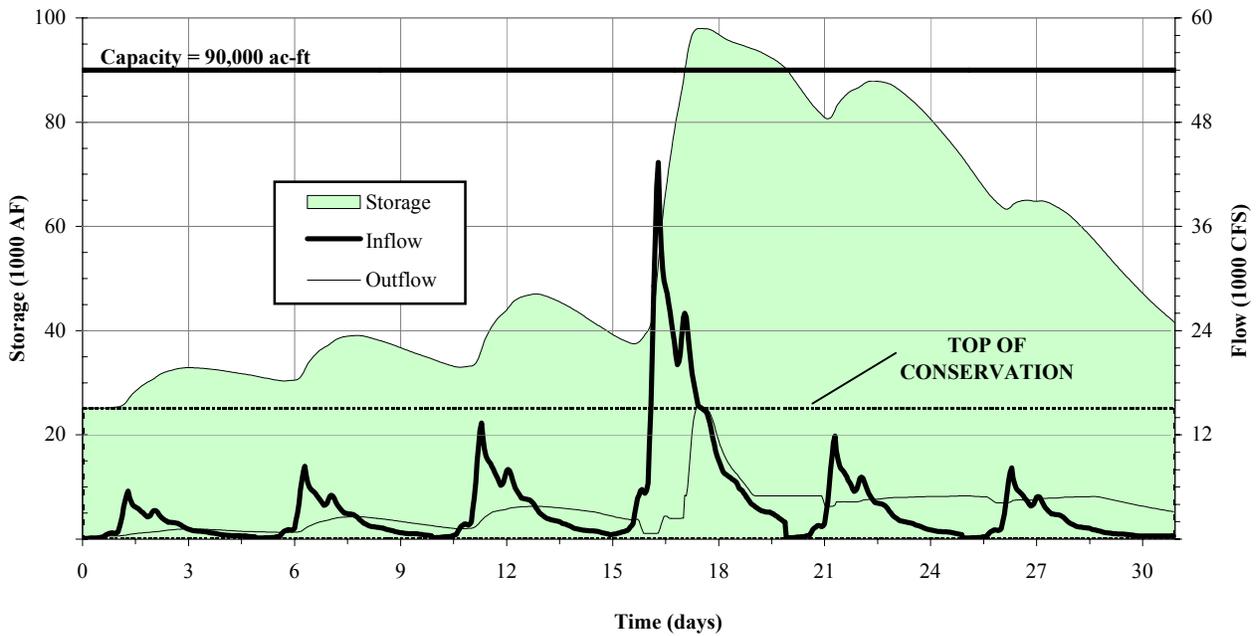
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-9e Reservoir Simulation Hydrographs Hidden (1% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

FRESNO RIVER
Hidden Inflow (0.5% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Hidden Operations (0.5% Chance Exceedence Event)

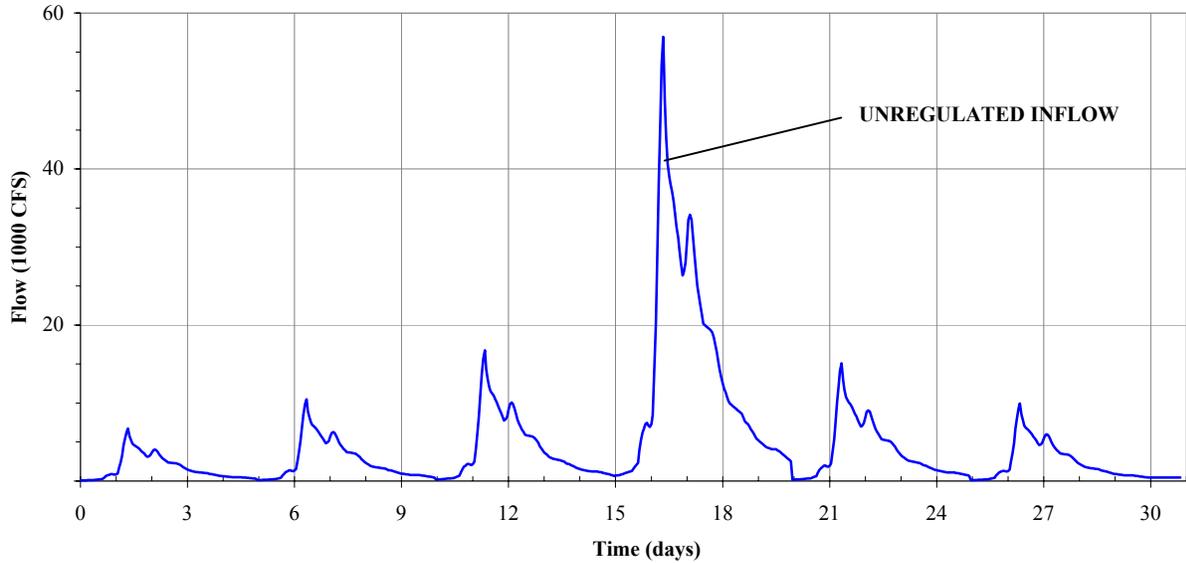


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-9f Reservoir Simulation Hydrographs Hidden (0.5% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

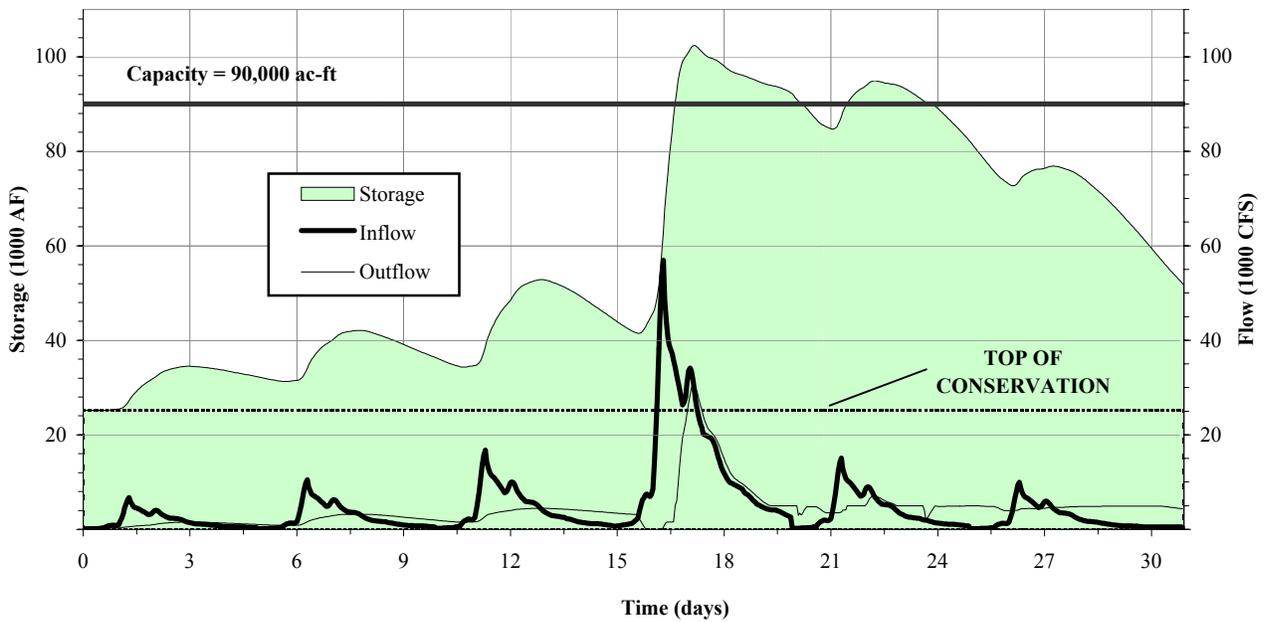
FRESNO RIVER Hidden Inflow (0.2% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



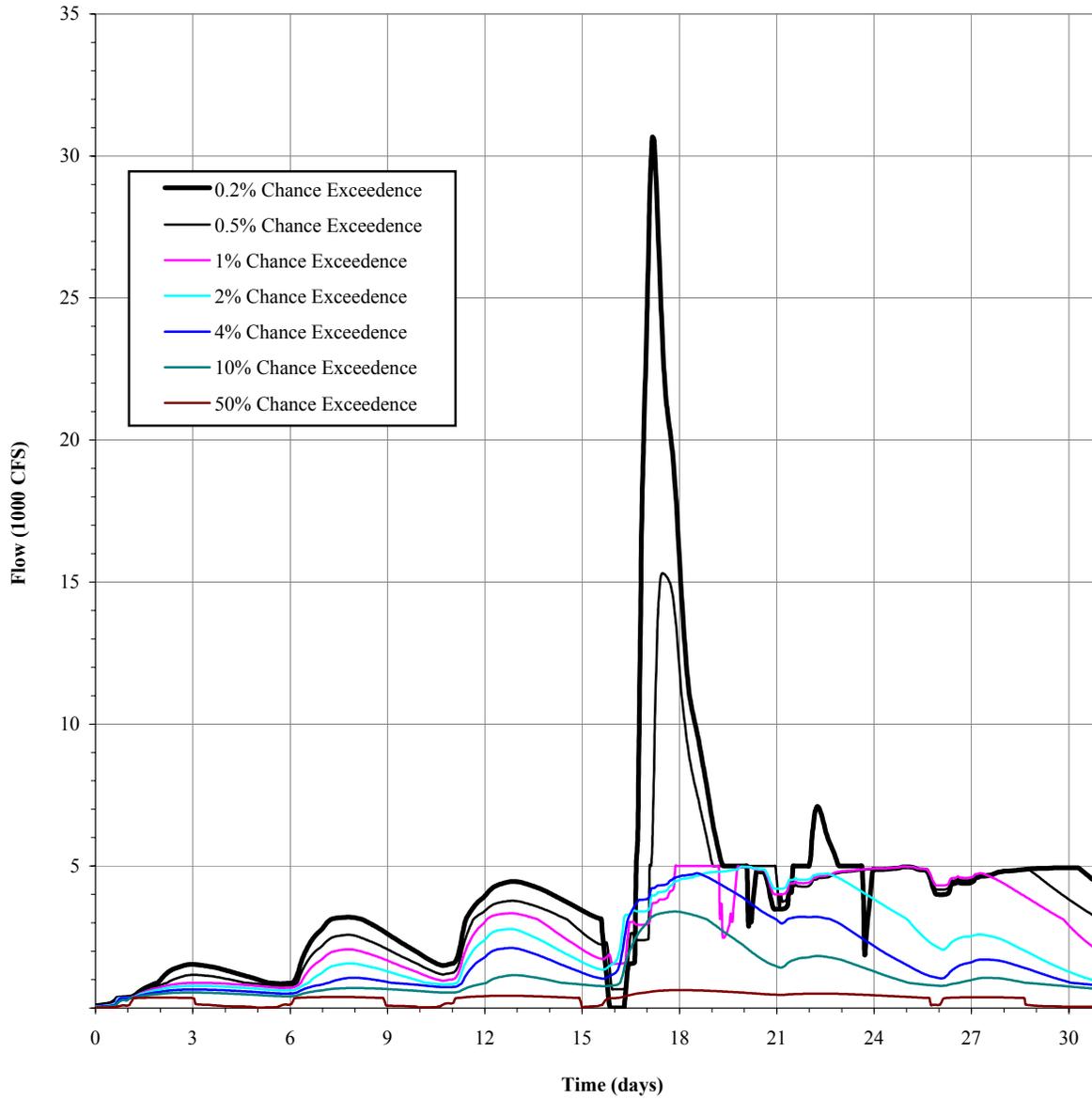
Hidden Operations (0.2% Chance Exceedence Event)



Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-9g Reservoir Simulation Hydrographs Hidden (0.2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

Hidden Outflow

Regulated Outflow Hydrographs



Sacramento & San Joaquin River Basins
Comprehensive Study

Figure C.1-9h
Reservoir Simulation Hydrographs
Regulated Outflow - Hidden

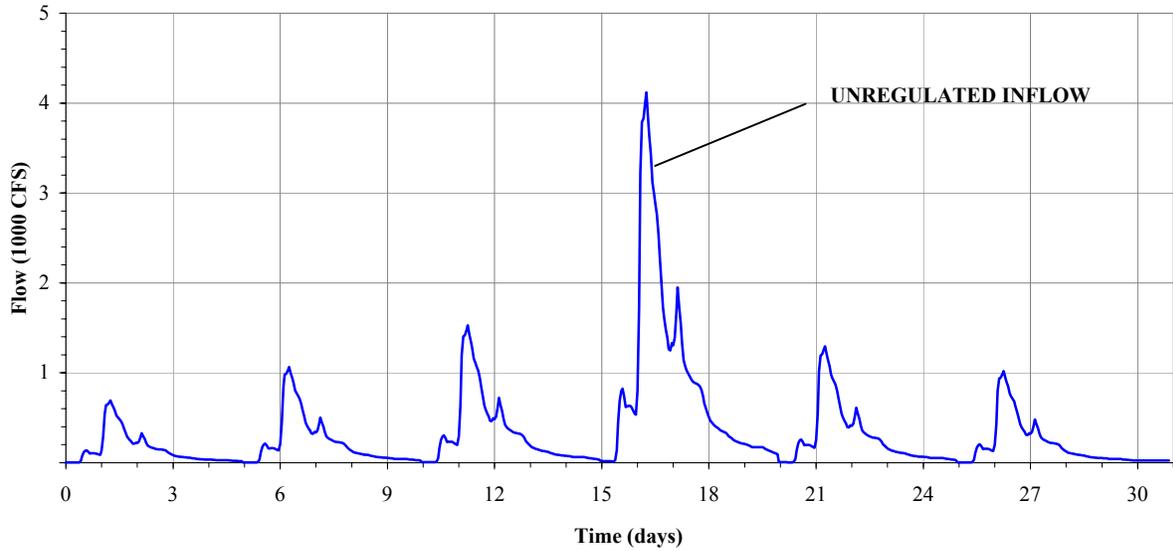
US Army Corps of Engineers
The Reclamation Board, State of California December 2002

CHOWCHILLA RIVER

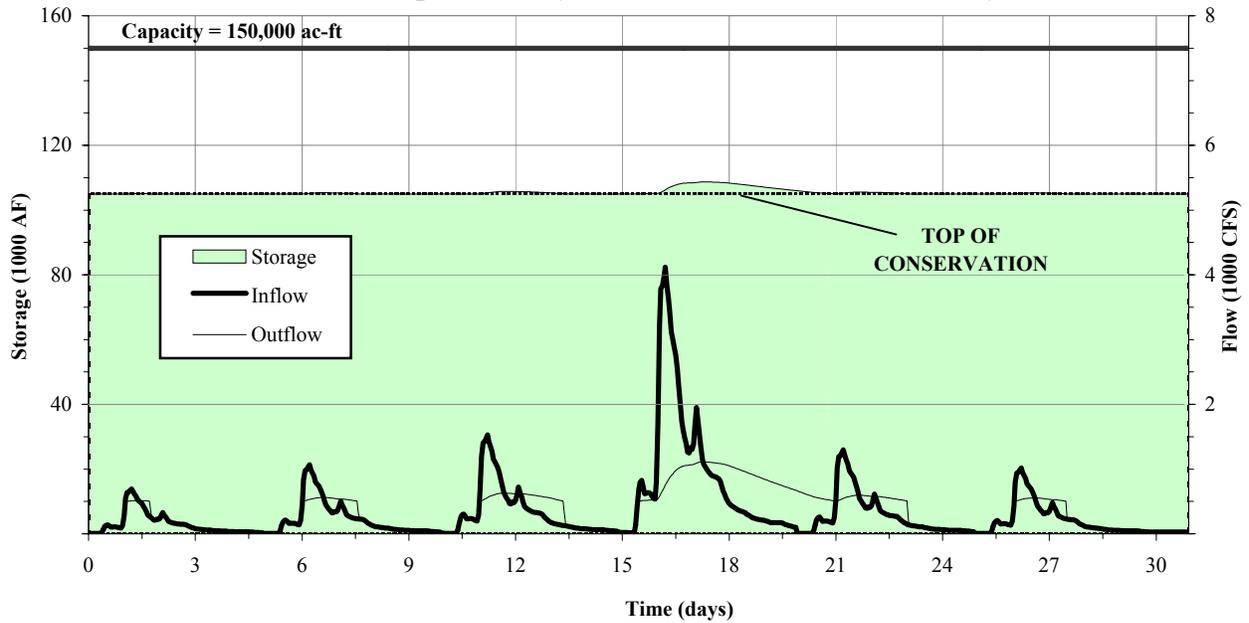
Buchanan Inflow (50% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Buchanan Operations (50% Chance Exceedence Event)



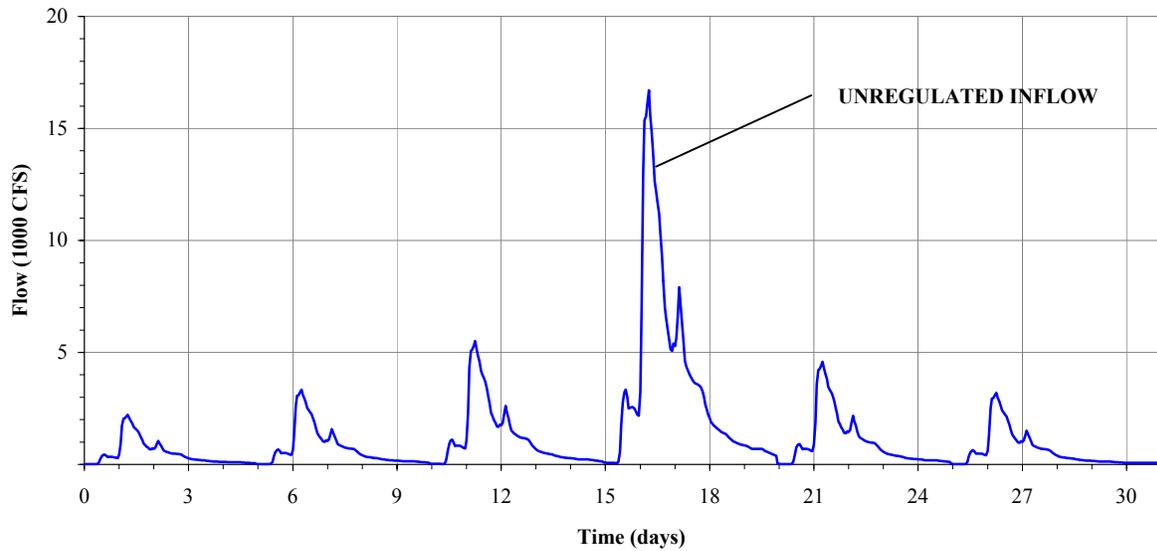
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-10a Reservoir Simulation Hydrographs Buchanan (50% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

CHOWCHILLA RIVER

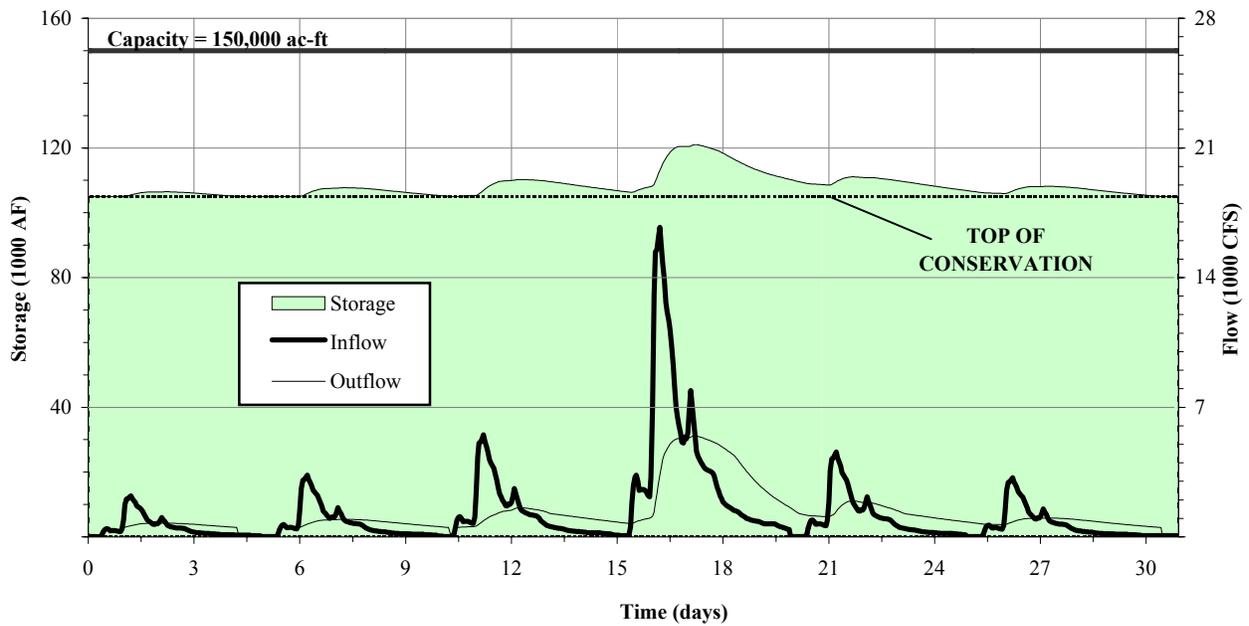
Buchanan Inflow (10% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Buchanan Operations (10% Chance Exceedence Event)



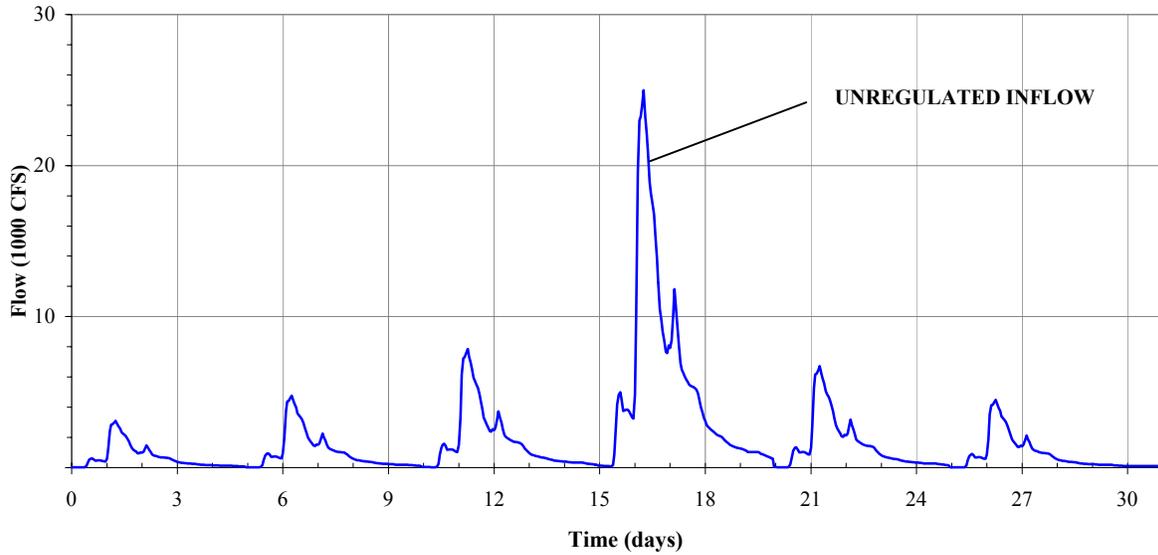
Sacramento & San Joaquin River Basins Comprehensive Study	
Figure C.1-10b Reservoir Simulation Hydrographs Buchanan (10% Chance Exceedence Event)	
US Army Corps of Engineers The Reclamation Board, State of California December 2002	

CHOWCHILLA RIVER

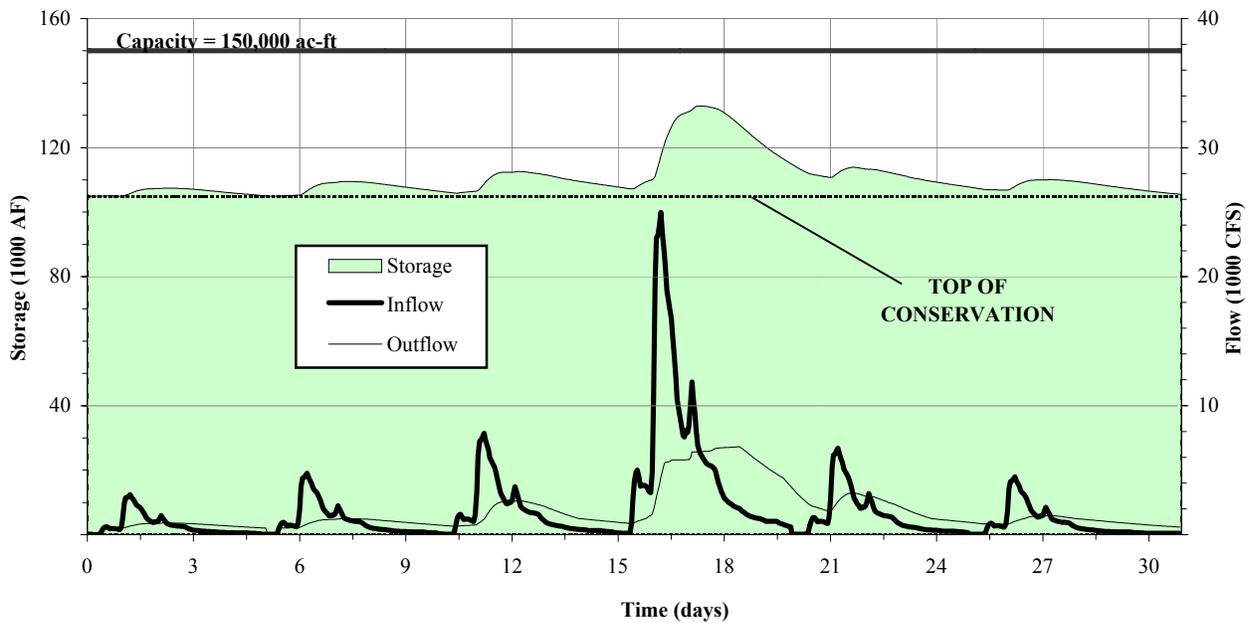
Buchanan Inflow (4% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



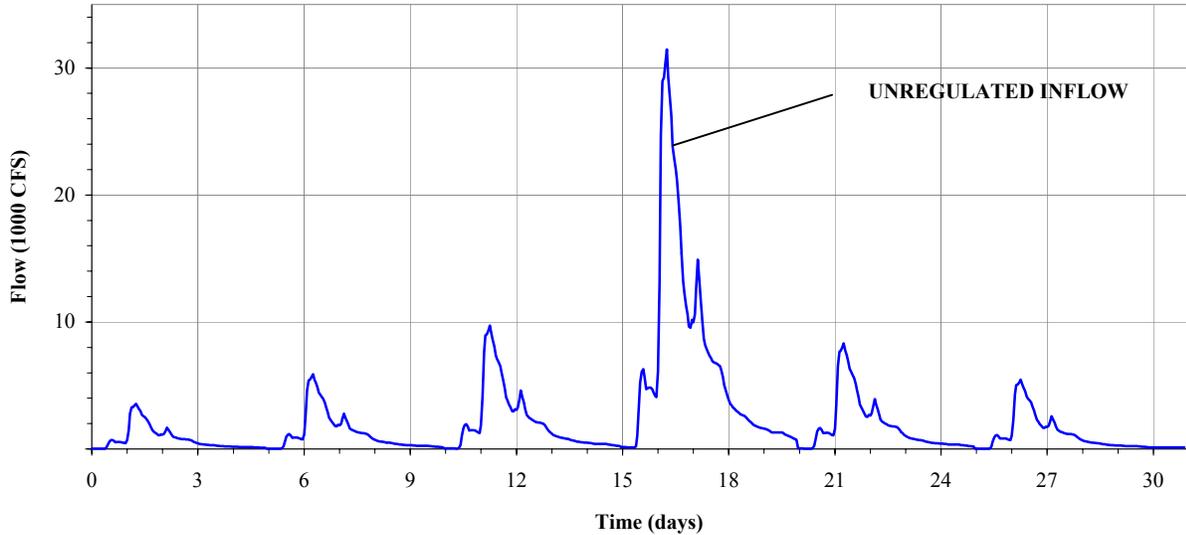
Buchanan Operations (4% Chance Exceedence Event)



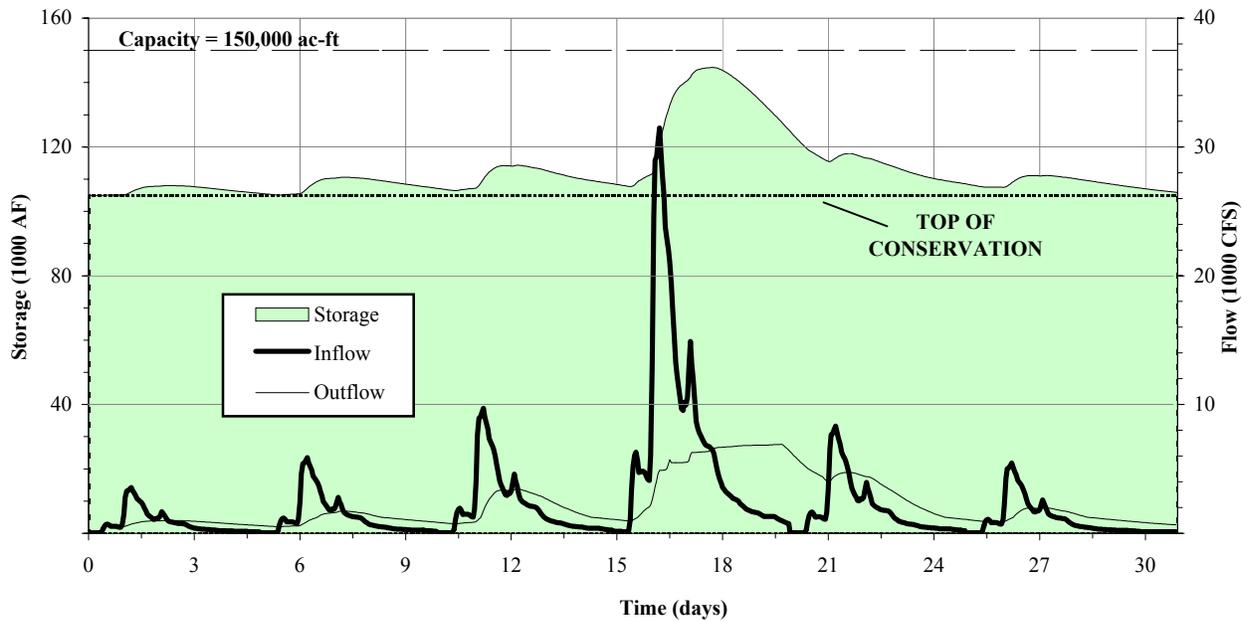
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-10c Reservoir Simulation Hydrographs Buchanan (4% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

CHOWCHILLA RIVER
Buchanan Inflow (2% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



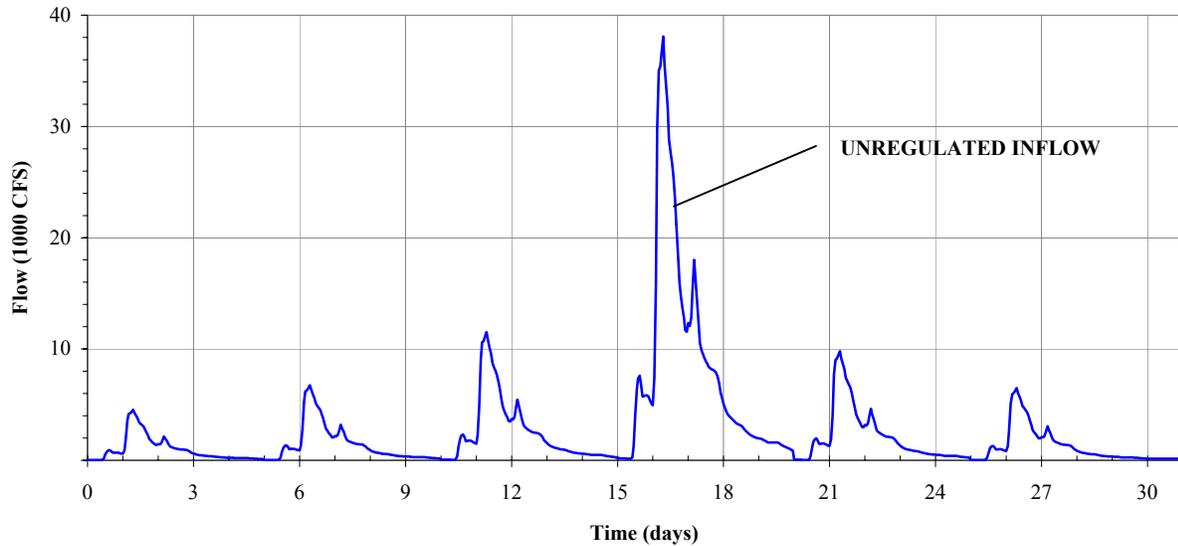
Buchanan Operations (2% Chance Exceedence Event)



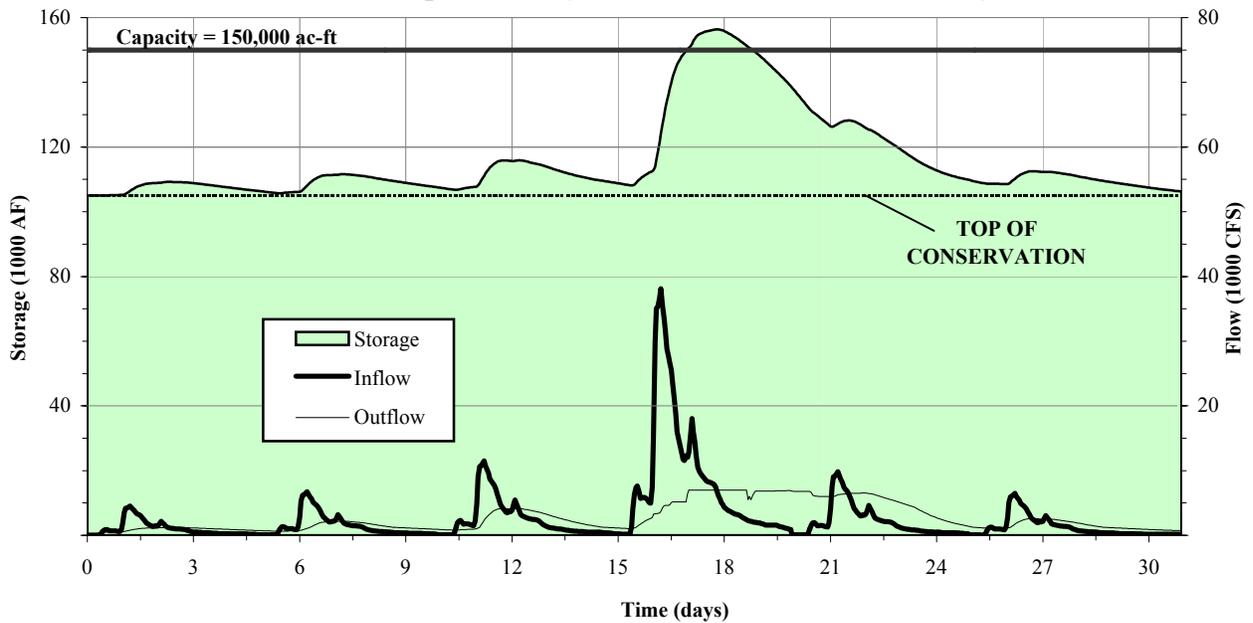
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-10d Reservoir Simulation Hydrographs Buchanan (2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

CHOWCHILLA RIVER
Buchanan Inflow (1% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



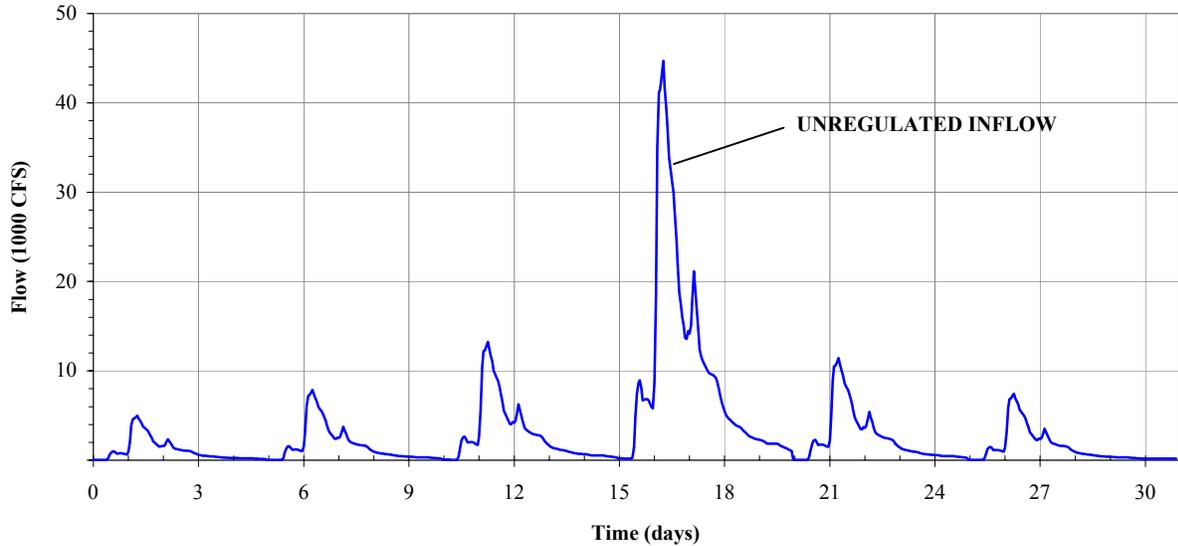
Buchanan Operations (1% Chance Exceedence Event)



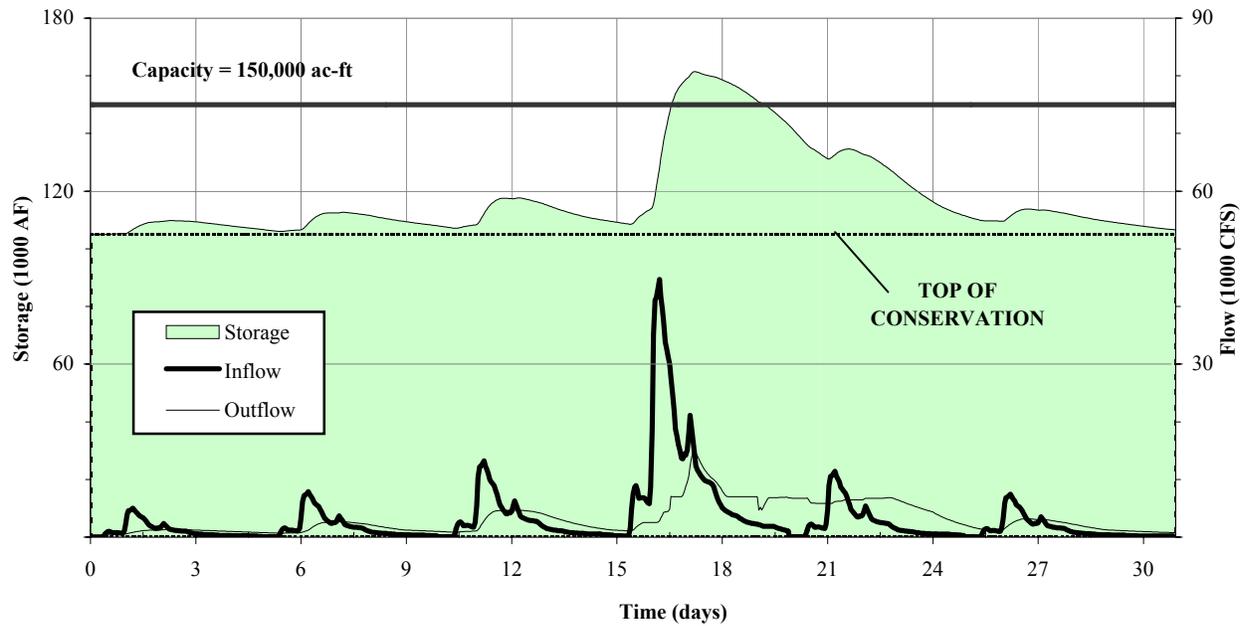
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-10e Reservoir Simulation Hydrographs Buchanan (1% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

CHOWCHILLA RIVER
Buchanan Inflow (0.5% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



Buchanan Operations (0.5% Chance Exceedence Event)

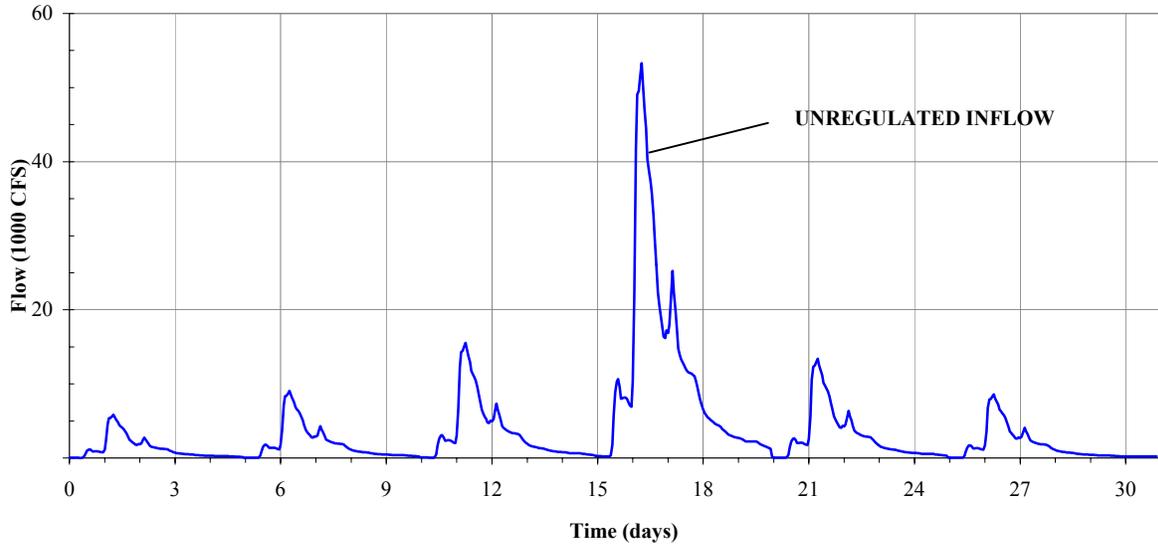


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-10f Reservoir Simulation Hydrographs Buchanan (0.5% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

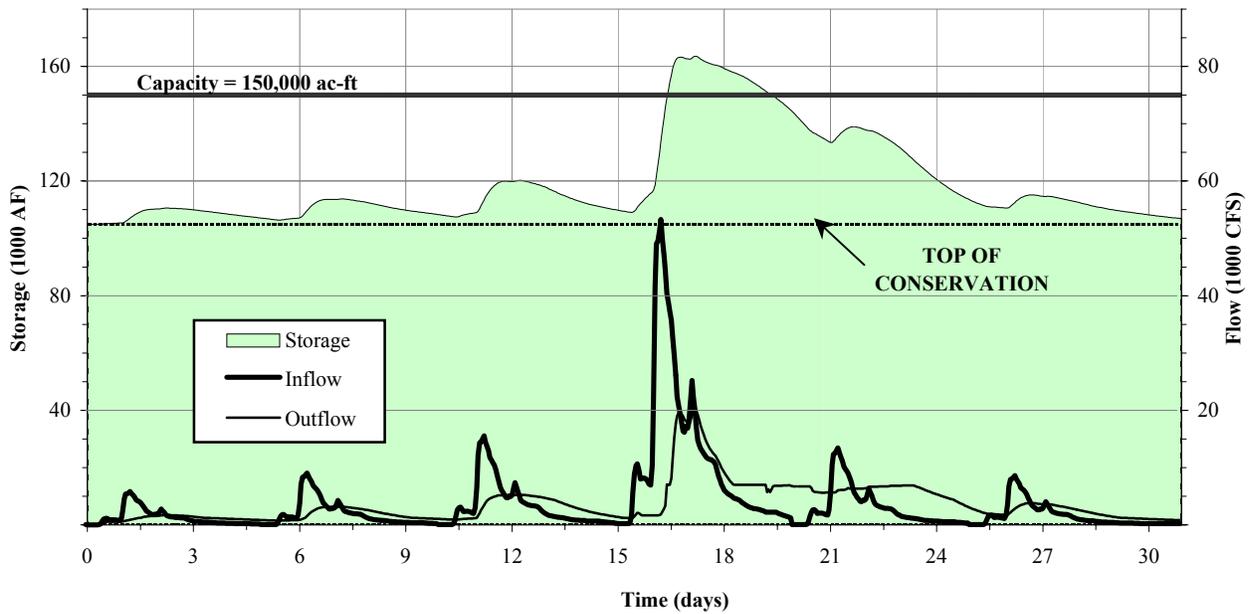
CHOWCHILLA RIVER
Buchanan Inflow (0.2% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.

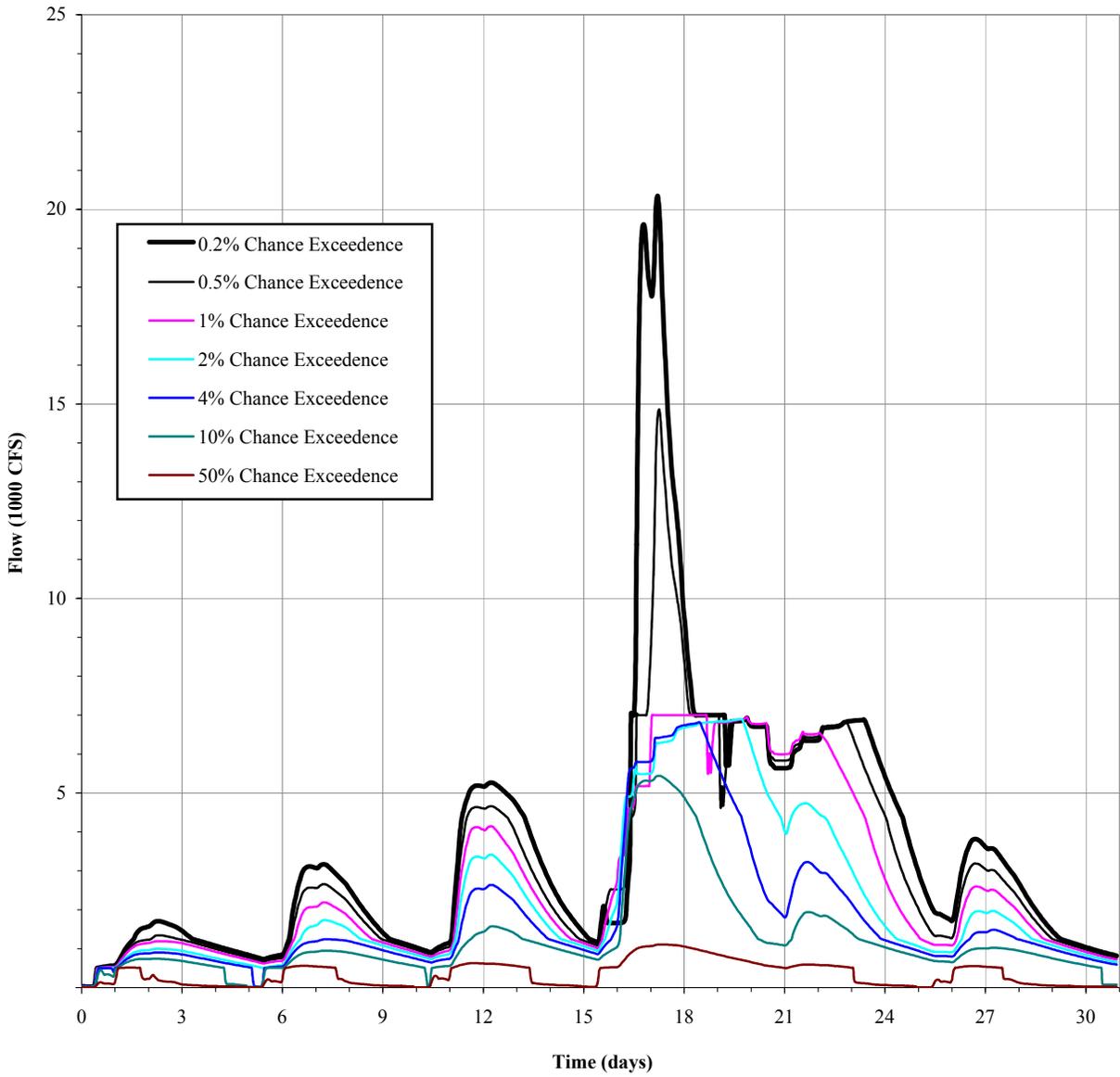


Buchanan Operations (0.2% Chance Exceedence Event)



Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-10g Reservoir Simulation Hydrographs Buchanan (0.2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

Buchanan Outflow
Regulated Outflow Hydrographs



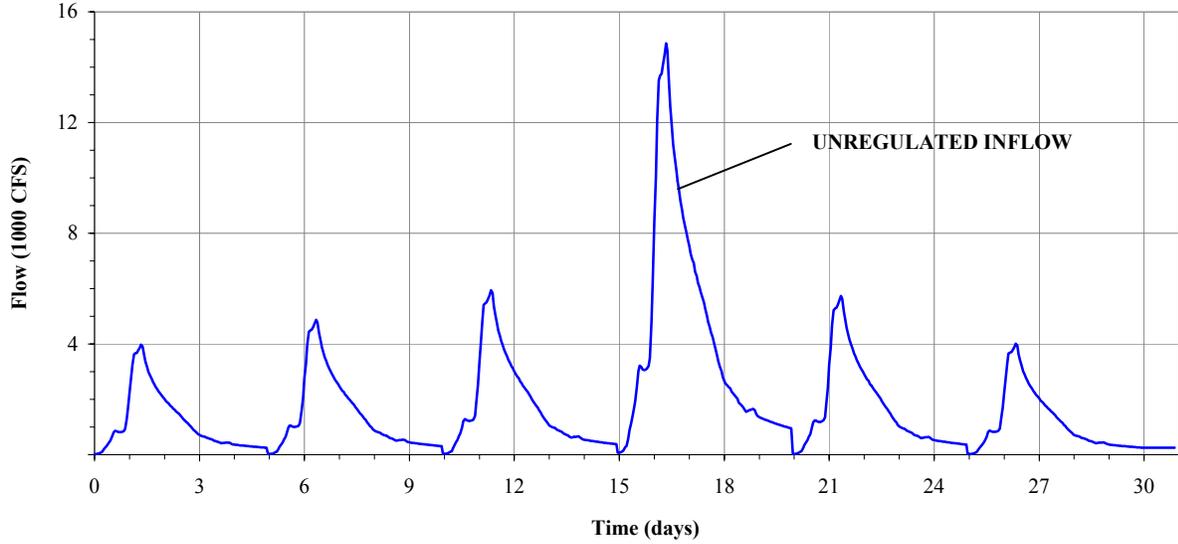
Sacramento & San Joaquin River Basins
Comprehensive Study

Figure C.1-10h
Reservoir Simulation Hydrographs
Regulated Outflow - Buchanan

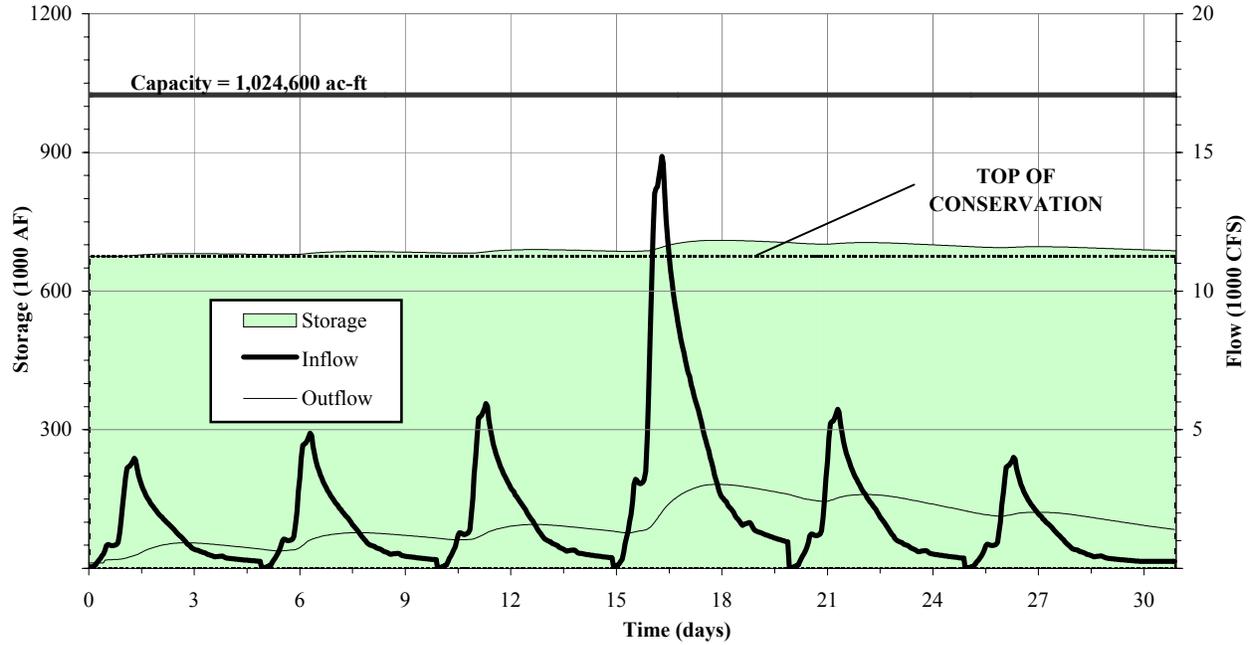
US Army Corps of Engineers
The Reclamation Board, State of California December 2002

MERCED RIVER
New Exchequer Inflow (50% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



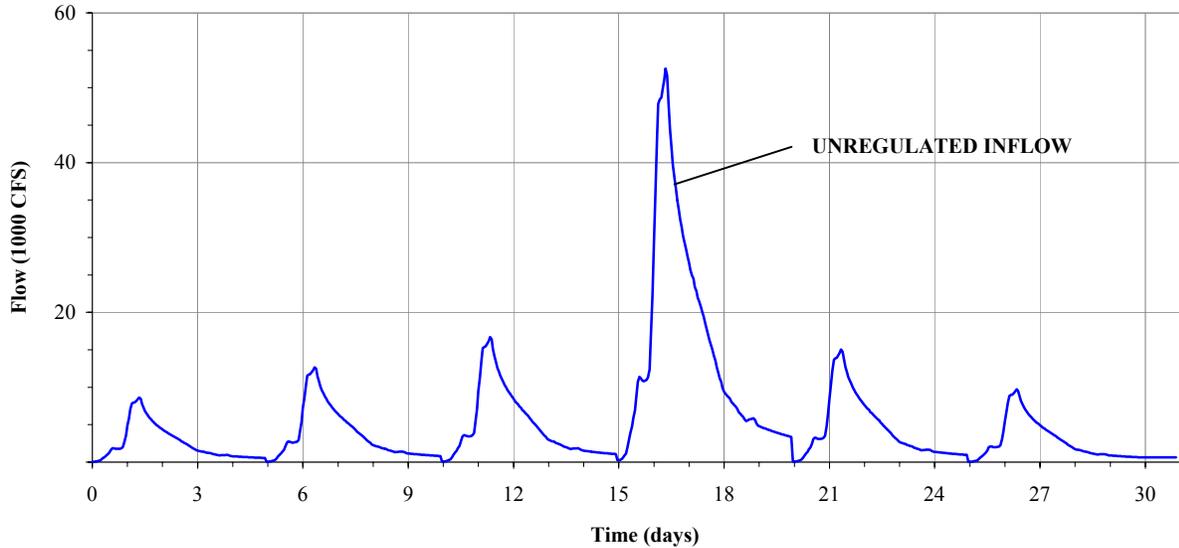
New Exchequer Operations (50% Chance Exceedence Event)



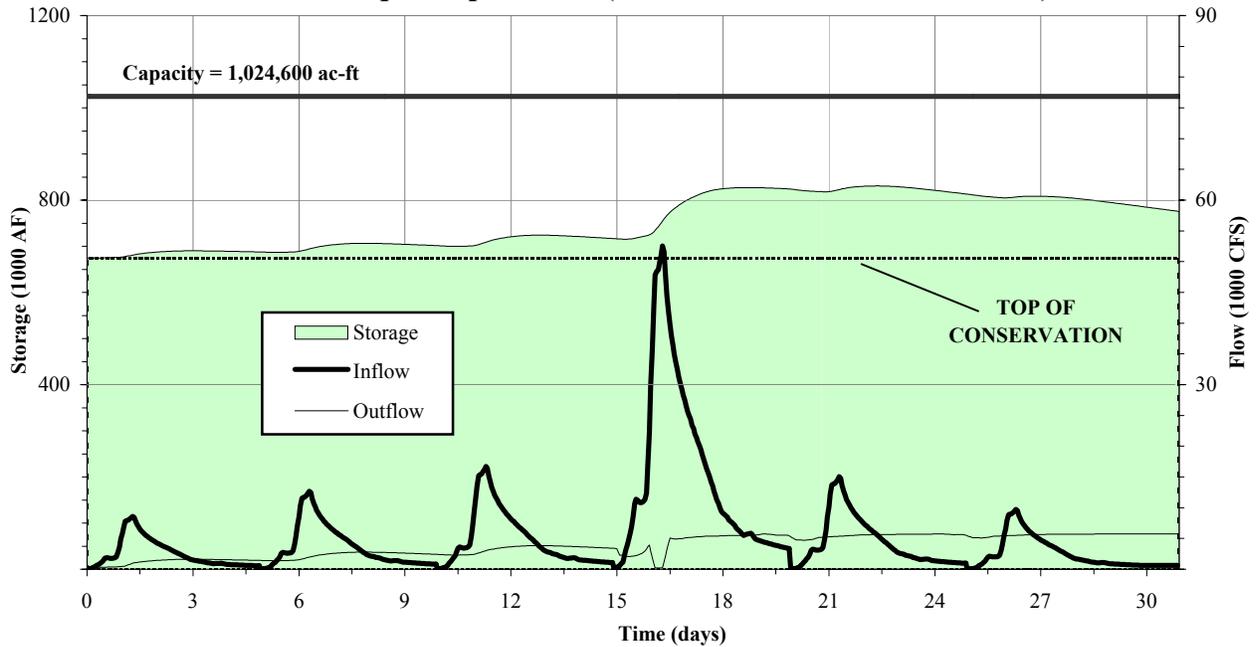
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-11a Reservoir Simulation Hydrographs New Exchequer (50% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

MERCED RIVER
New Exchequer Inflow (10% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



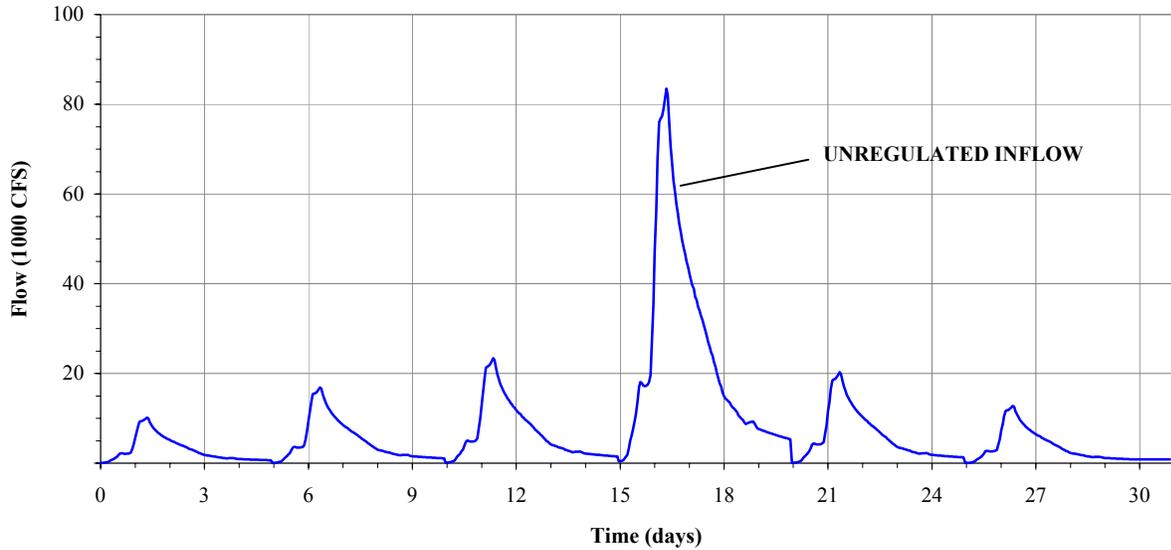
New Exchequer Operations (10% Chance Exceedence Event)



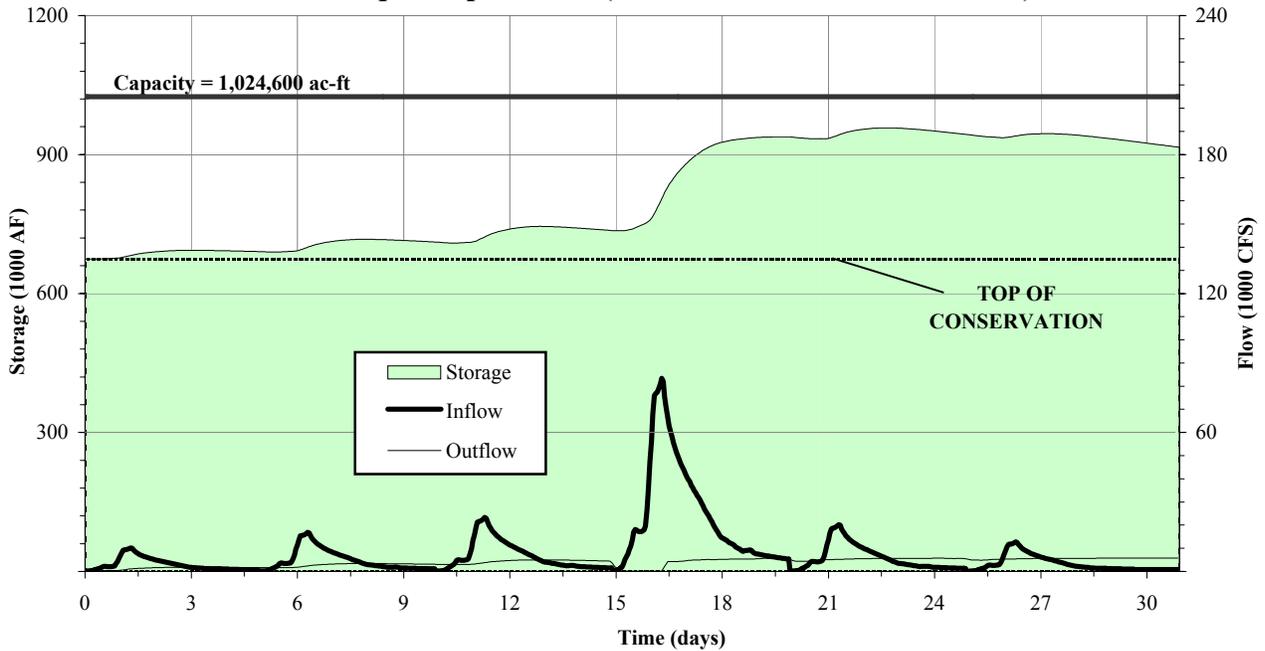
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-11b Reservoir Simulation Hydrographs New Exchequer (10% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

MERCED RIVER
New Exchequer Inflow (4% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



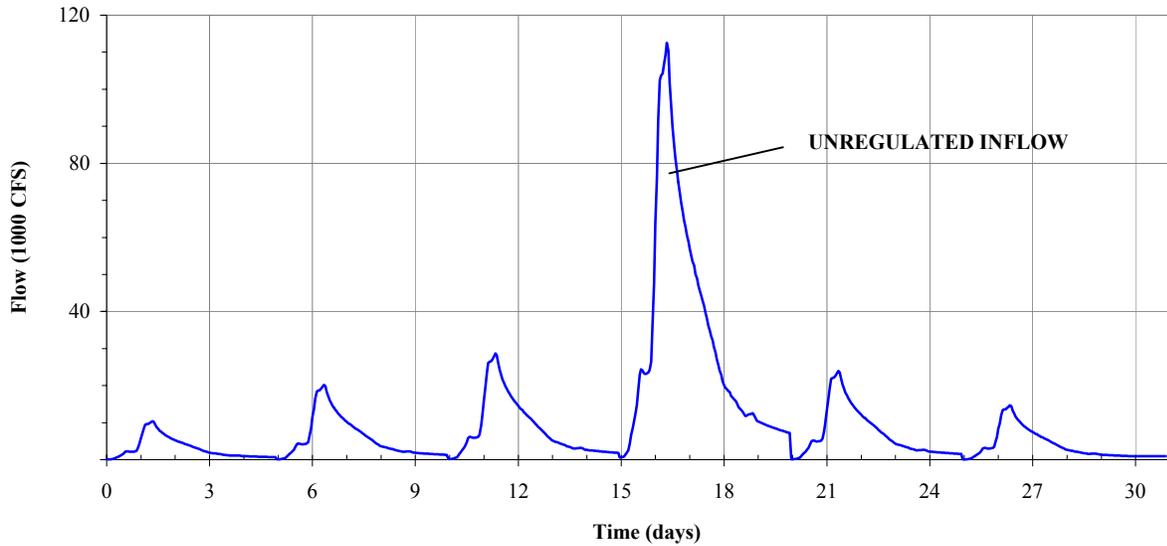
New Exchequer Operations (4% Chance Exceedence Event)



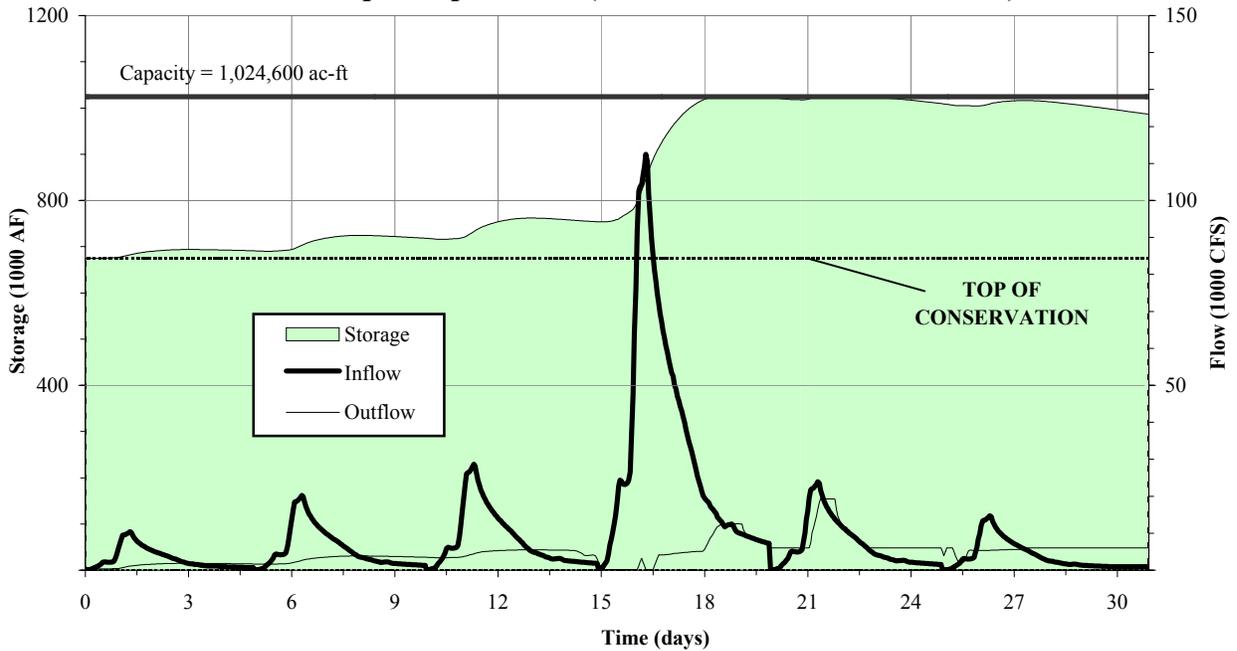
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-11c Reservoir Simulation Hydrographs New Exchequer (4% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

MERCED RIVER
New Exchequer Inflow (2% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



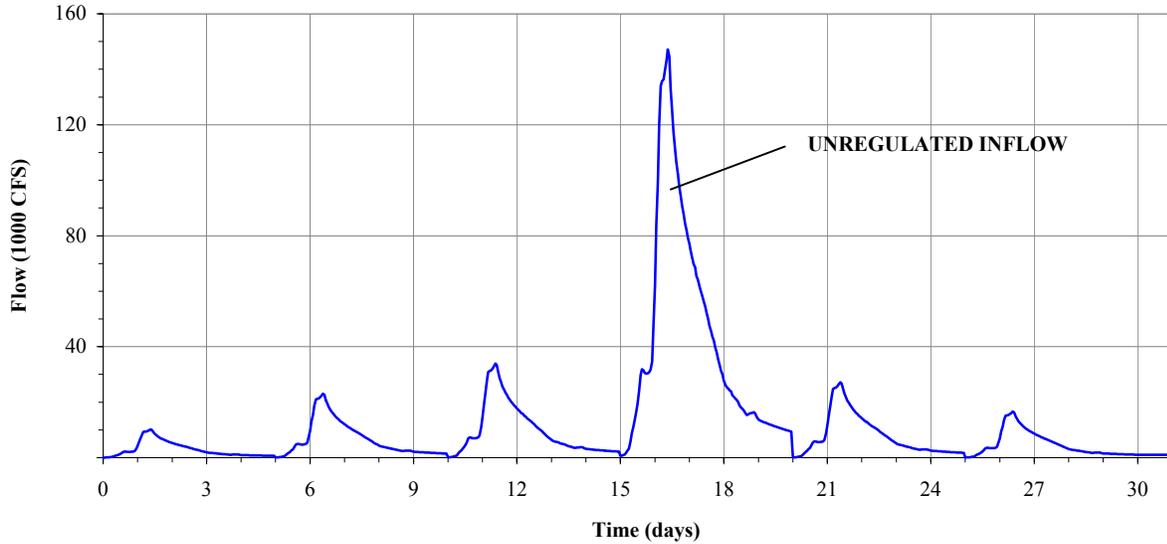
New Exchequer Operations (2% Chance Exceedence Event)



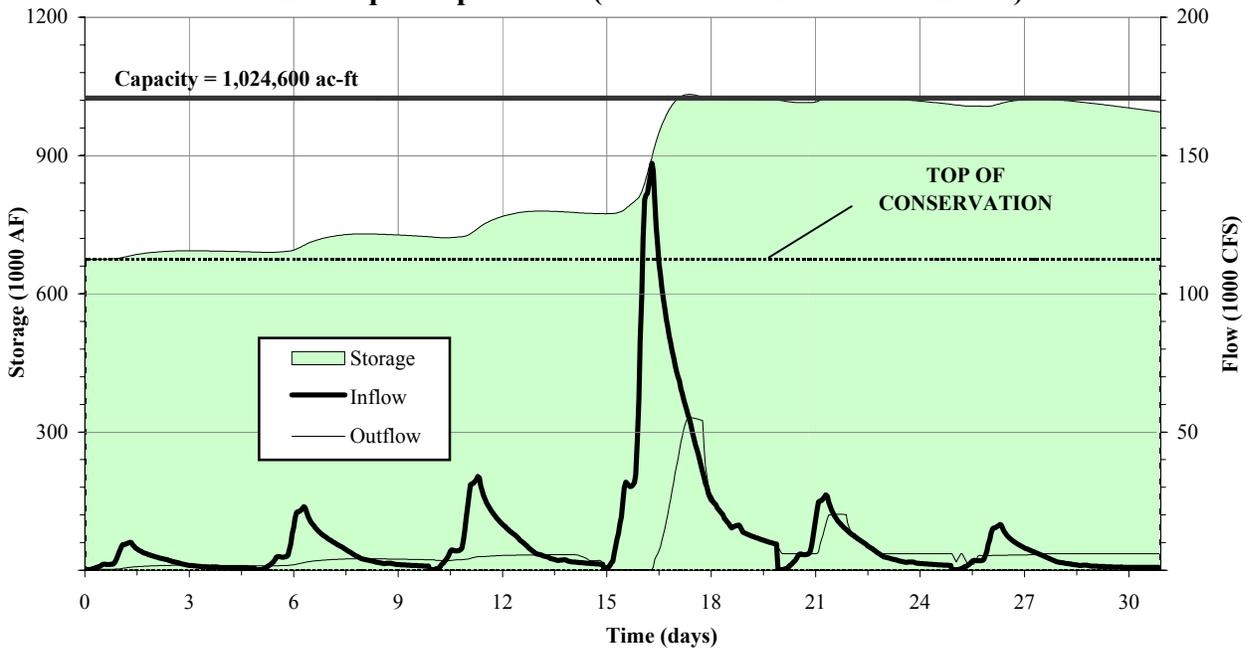
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-11d Reservoir Simulation Hydrographs New Exchequer (2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

MERCED RIVER
New Exchequer Inflow (1% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



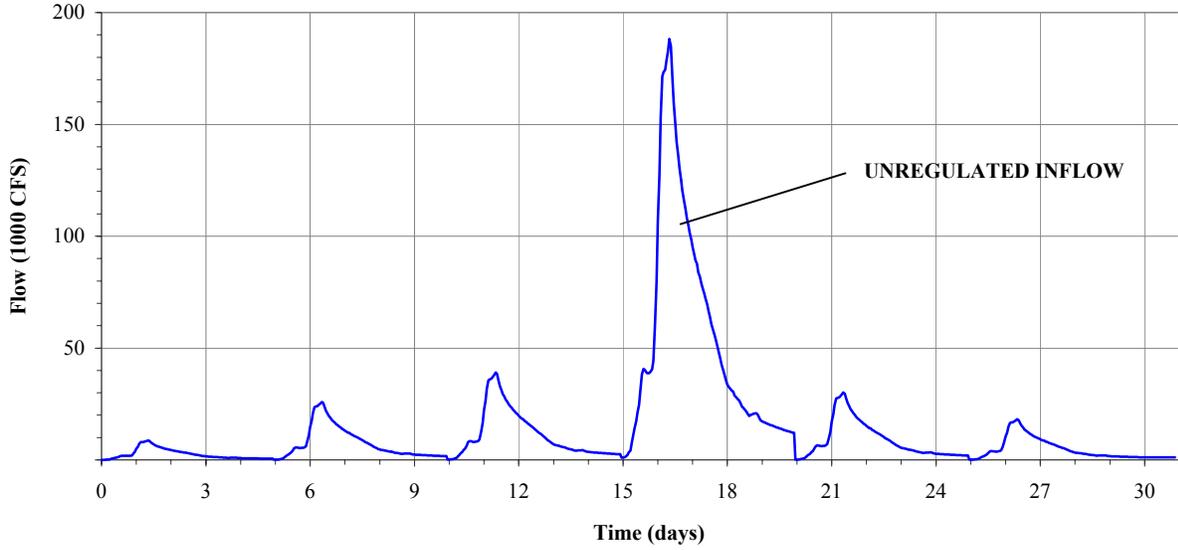
New Exchequer Operations (1% Chance Exceedence Event)



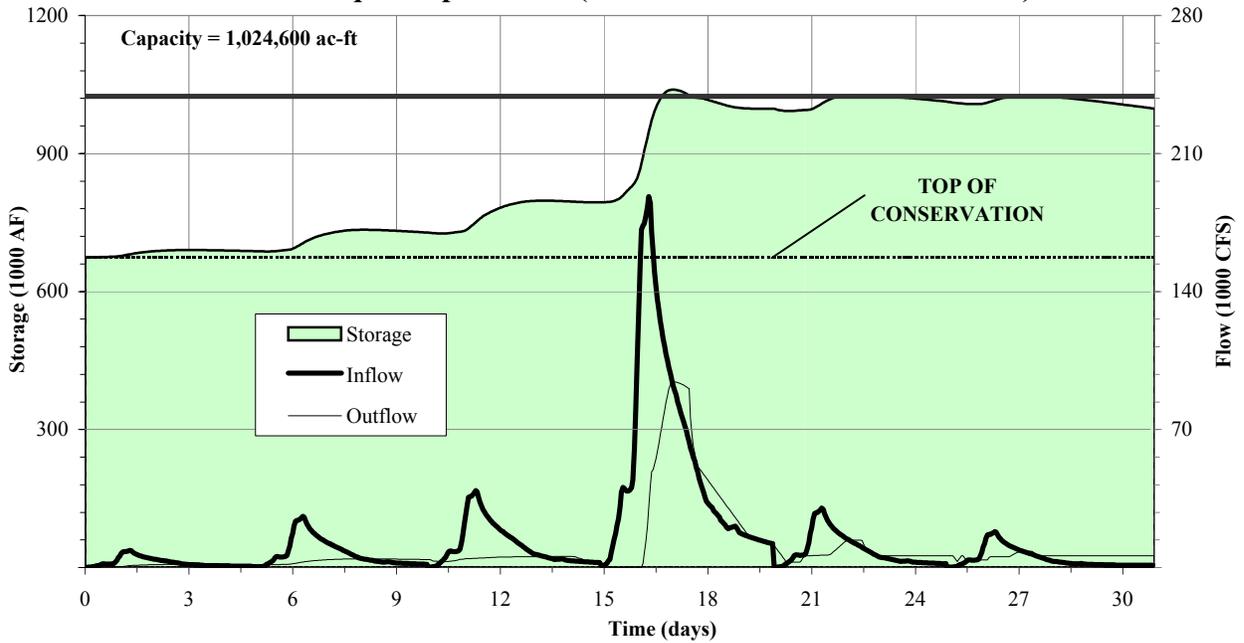
Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-11e Reservoir Simulation Hydrographs New Exchequer (1% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

MERCED RIVER
New Exchequer Inflow (0.5% Chance Exceedence Event)
 Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.



New Exchequer Operations (0.5% Chance Exceedence Event)

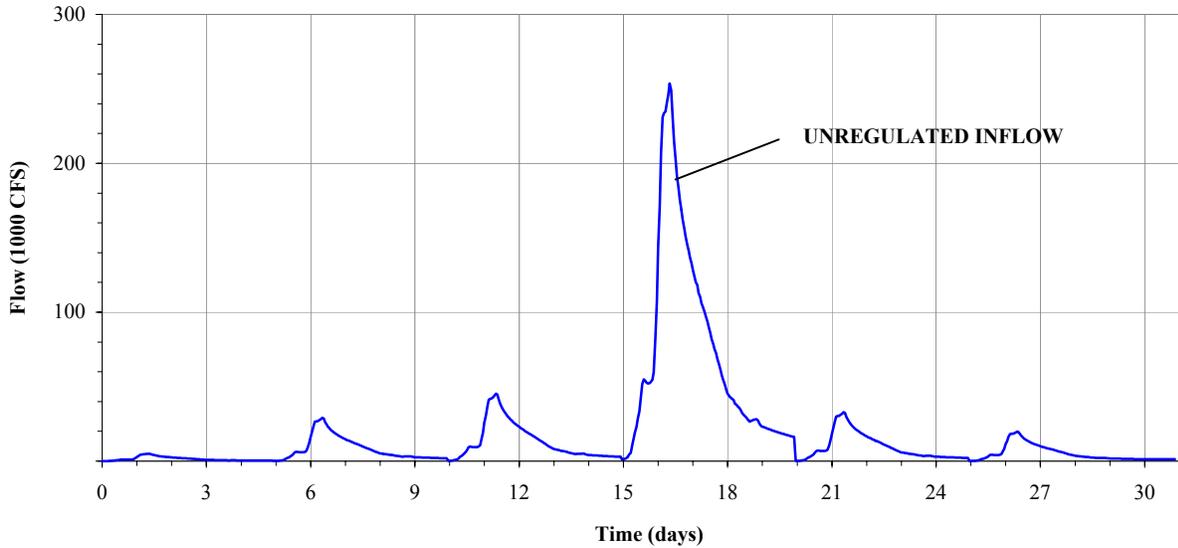


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-11f Reservoir Simulation Hydrographs New Exchequer (0.5% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

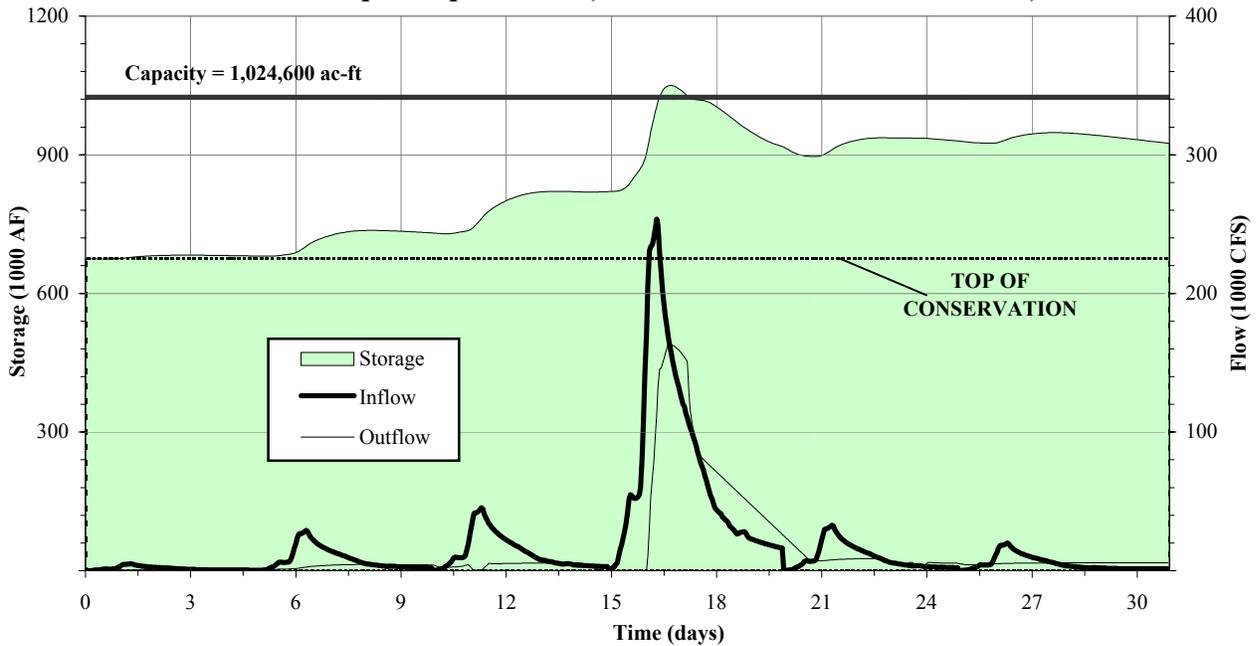
MERCED RIVER
New Exchequer Inflow (0.2% Chance Exceedence Event)

Unregulated Inflow

Note: This reservoir has no major headwater reservoirs.

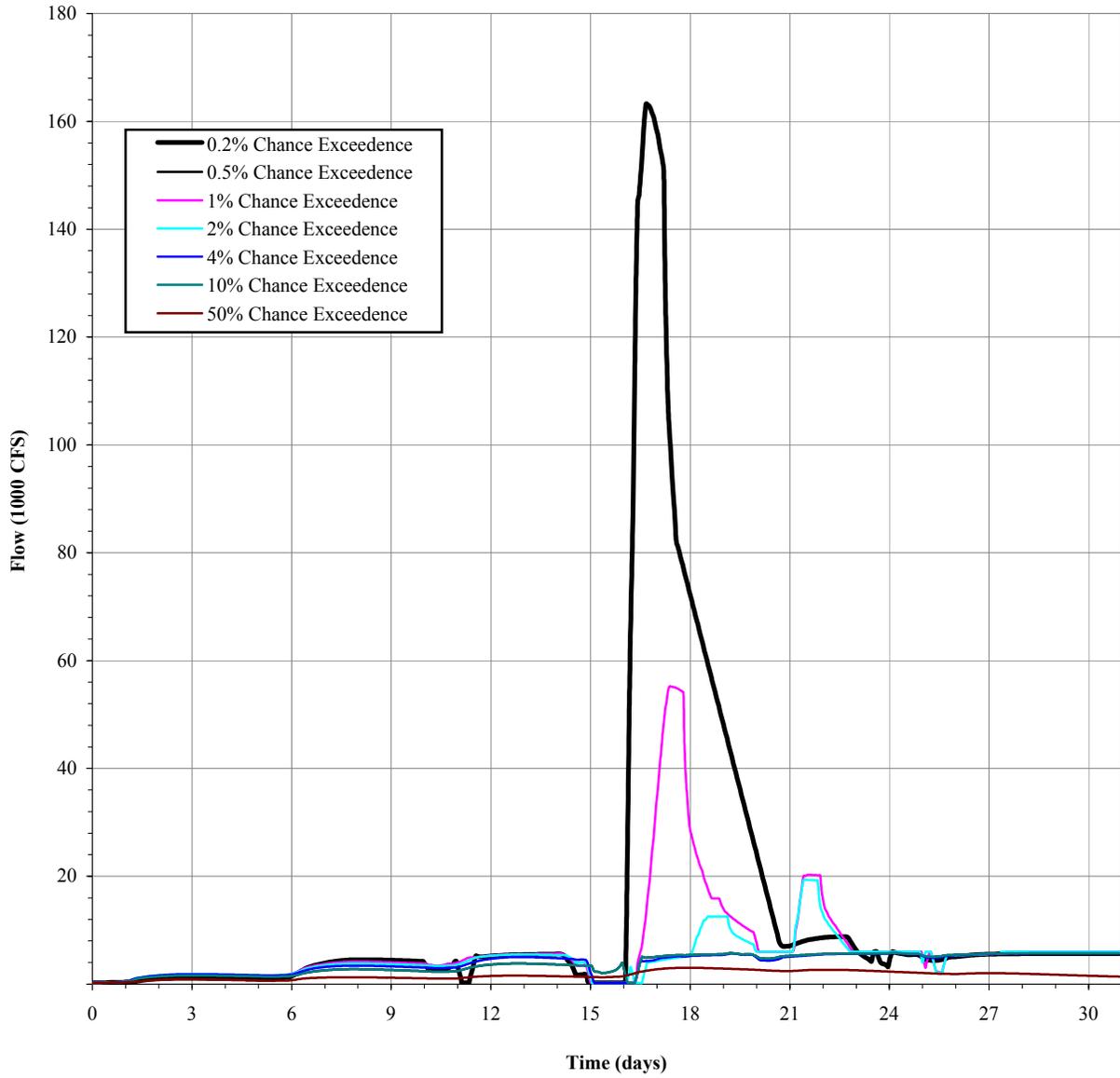


New Exchequer Operations (0.2% Chance Exceedence Event)



Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-11g Reservoir Simulation Hydrographs New Exchequer (0.2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

New Exchequer Outflow
Regulated Outflow Hydrographs

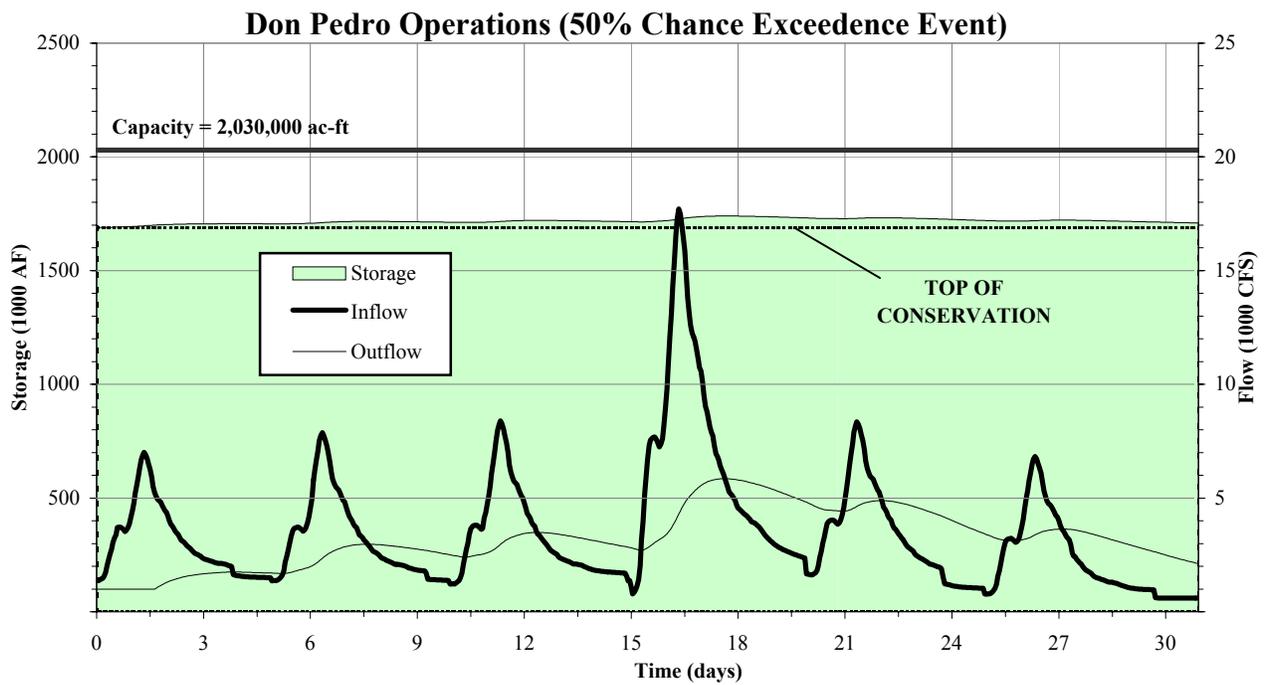
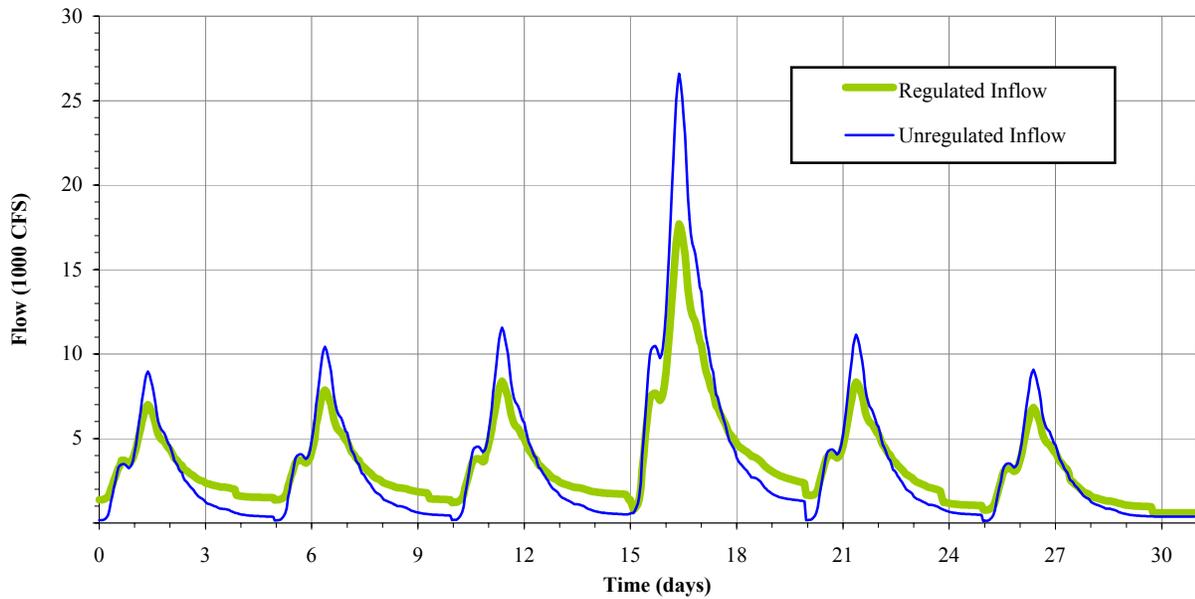


Sacramento & San Joaquin River Basins
Comprehensive Study

Figure C.1-11h
Reservoir Simulation Hydrographs
Regulated Outflow - New Exchequer

US Army Corps of Engineers
The Reclamation Board, State of California December 2002

TUOLUMNE RIVER
Don Pedro Inflow (50% Chance Exceedence Event)
 Regulated and Unregulated Inflow

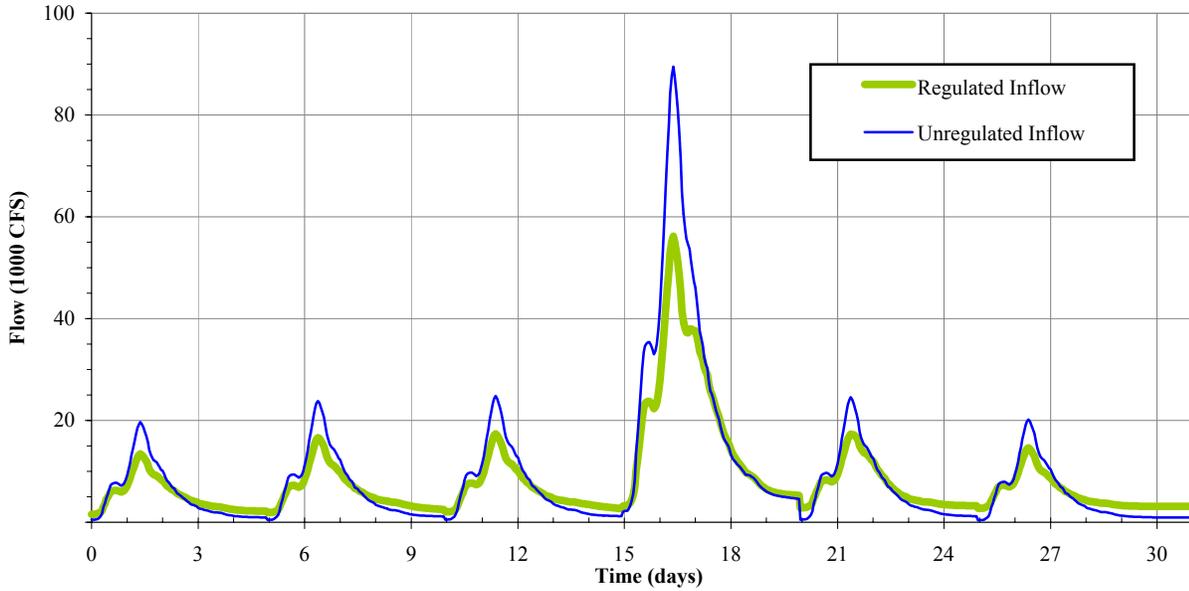


Sacramento & San Joaquin River Basins
 Comprehensive Study

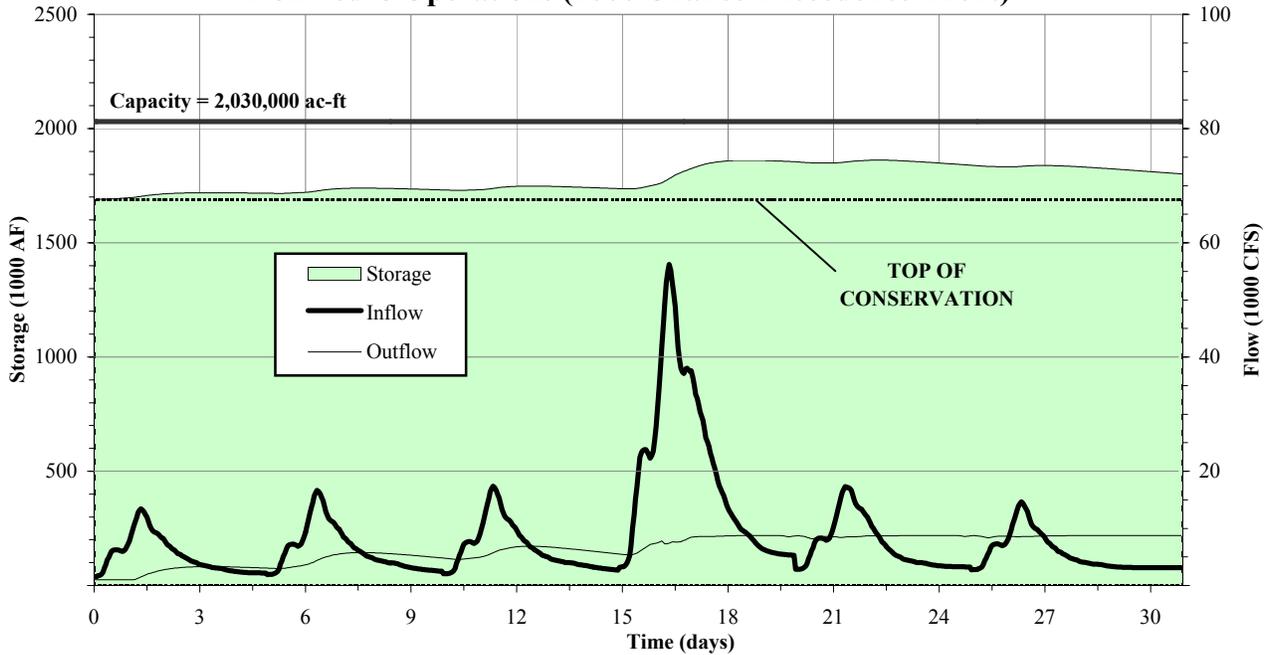
Figure C.1-12a
 Reservoir Simulation Hydrographs
 Don Pedro
 (50% Chance Exceedence Event)

US Army Corps of Engineers
 The Reclamation Board, State of California December 2002

TUOLUMNE RIVER
Don Pedro Inflow (10% Chance Exceedence Event)
 Regulated and Unregulated Inflow



Don Pedro Operations (10% Chance Exceedence Event)

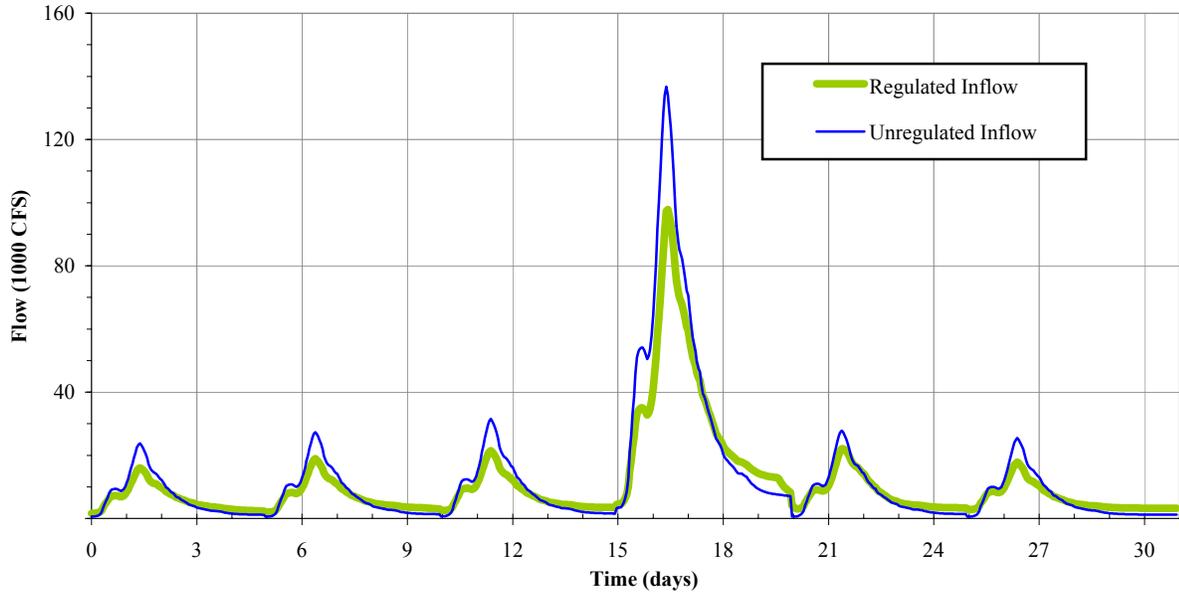


Sacramento & San Joaquin River Basins
 Comprehensive Study

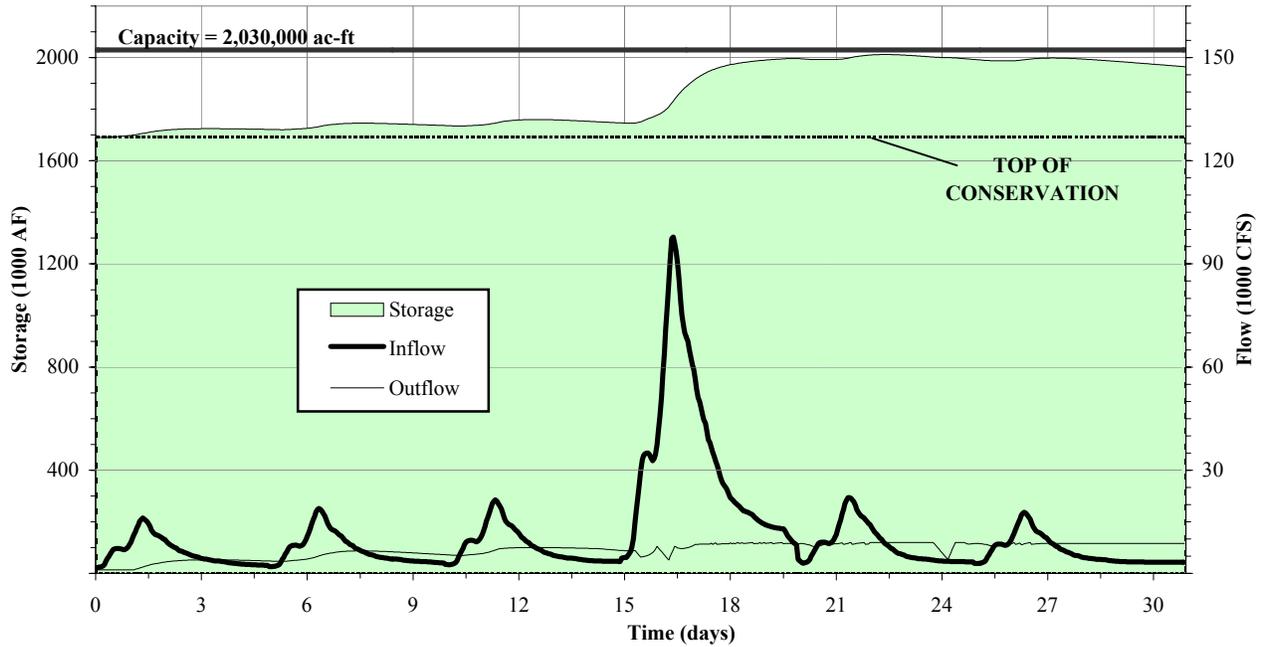
Figure C.1-12b
 Reservoir Simulation Hydrographs
 Don Pedro
 (10% Chance Exceedence Event)

US Army Corps of Engineers
 The Reclamation Board, State of California December 2002

TUOLUMNE RIVER
Don Pedro Inflow (4% Chance Exceedence Event)
 Regulated and Unregulated Inflow

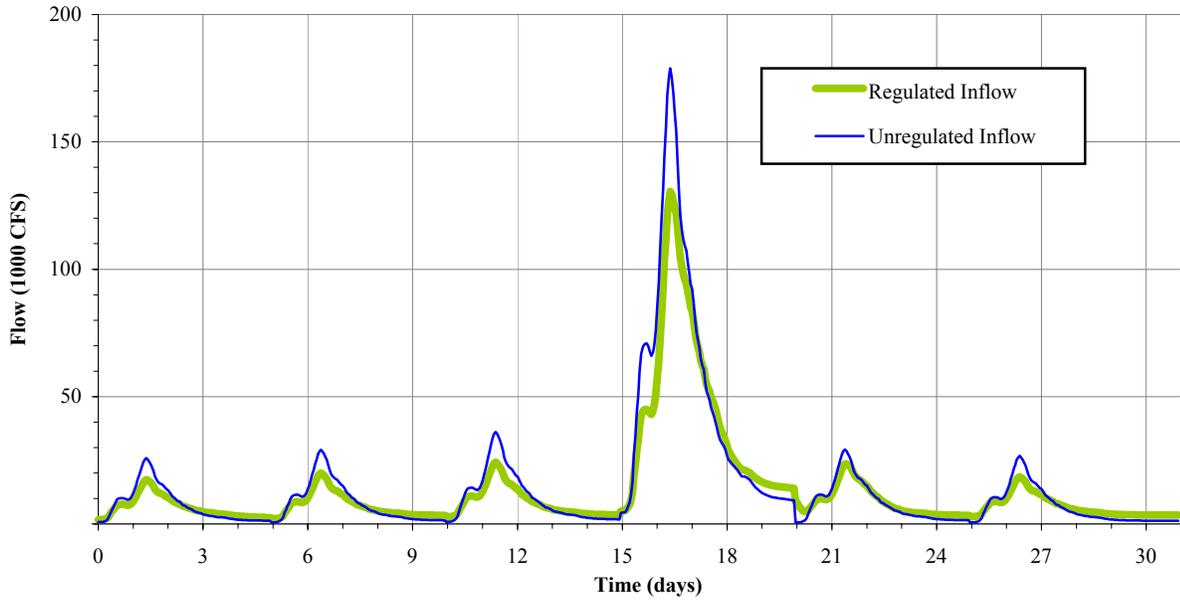


Don Pedro Operations (4% Chance Exceedence Event)

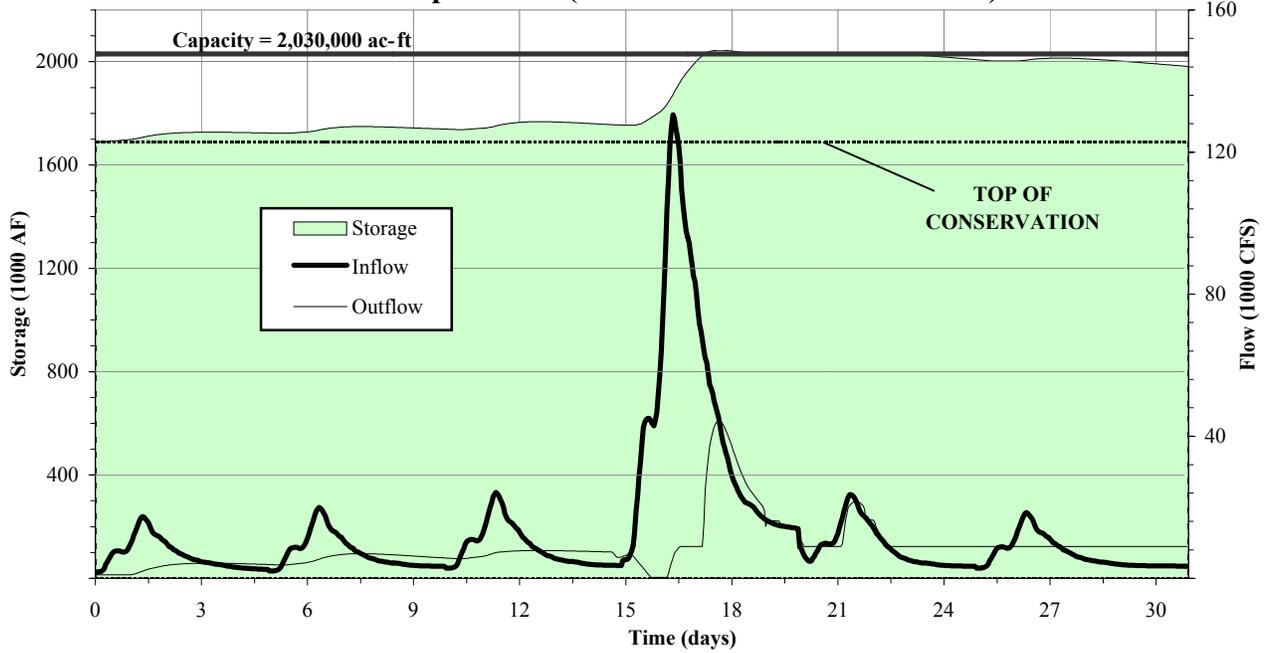


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-12c Reservoir Simulation Hydrographs Don Pedro (4% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

TUOLUMNE RIVER
Don Pedro Inflow (2% Chance Exceedence Event)
 Regulated and Unregulated Inflow



Don Pedro Operations (2% Chance Exceedence Event)

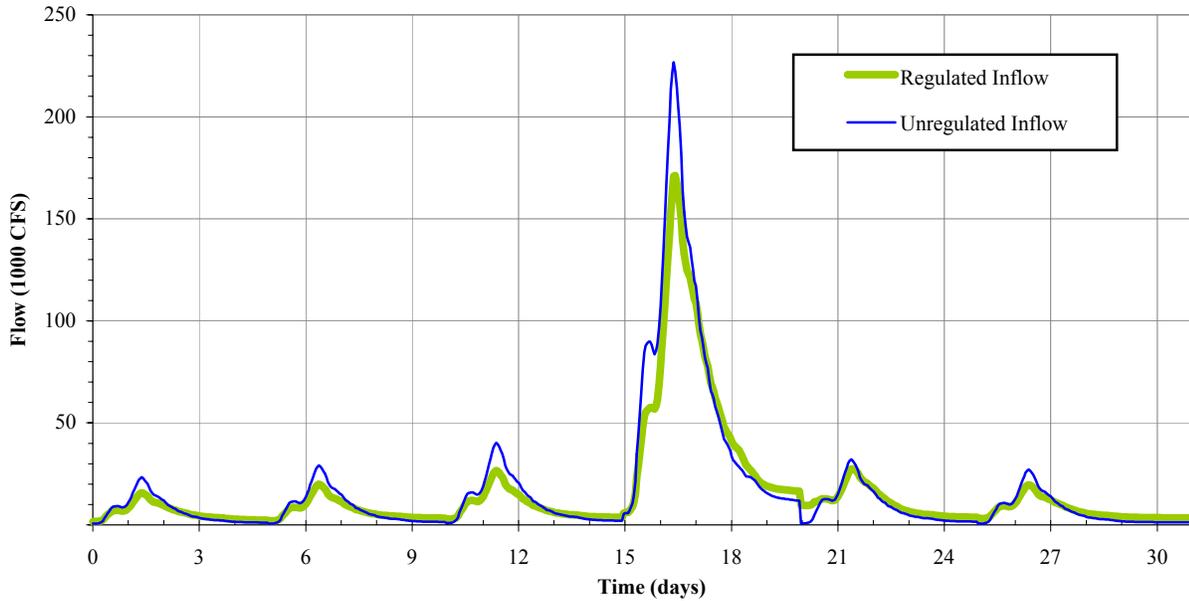


Sacramento & San Joaquin River Basins
 Comprehensive Study

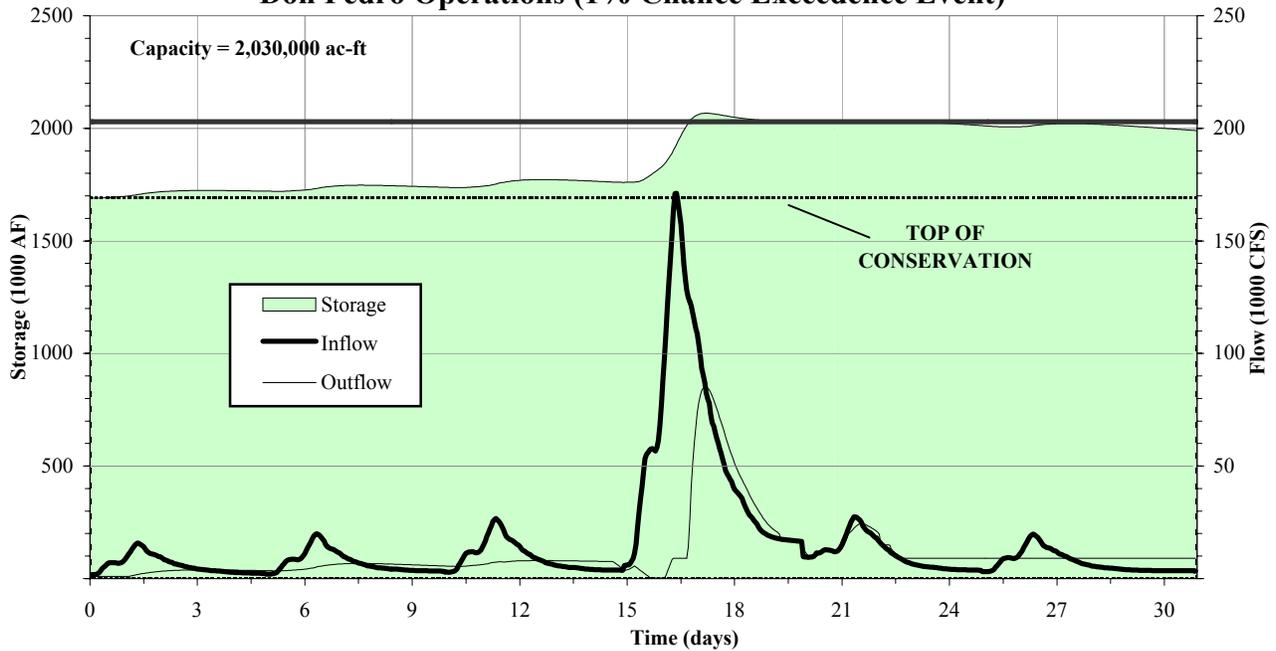
Figure C.1-12d
 Reservoir Simulation Hydrographs
 Don Pedro
 (2% Chance Exceedence Event)

US Army Corps of Engineers
 The Reclamation Board, State of California December 2002

TUOLUMNE RIVER
Don Pedro Inflow (1% Chance Exceedence Event)
 Regulated and Unregulated Inflow



Don Pedro Operations (1% Chance Exceedence Event)

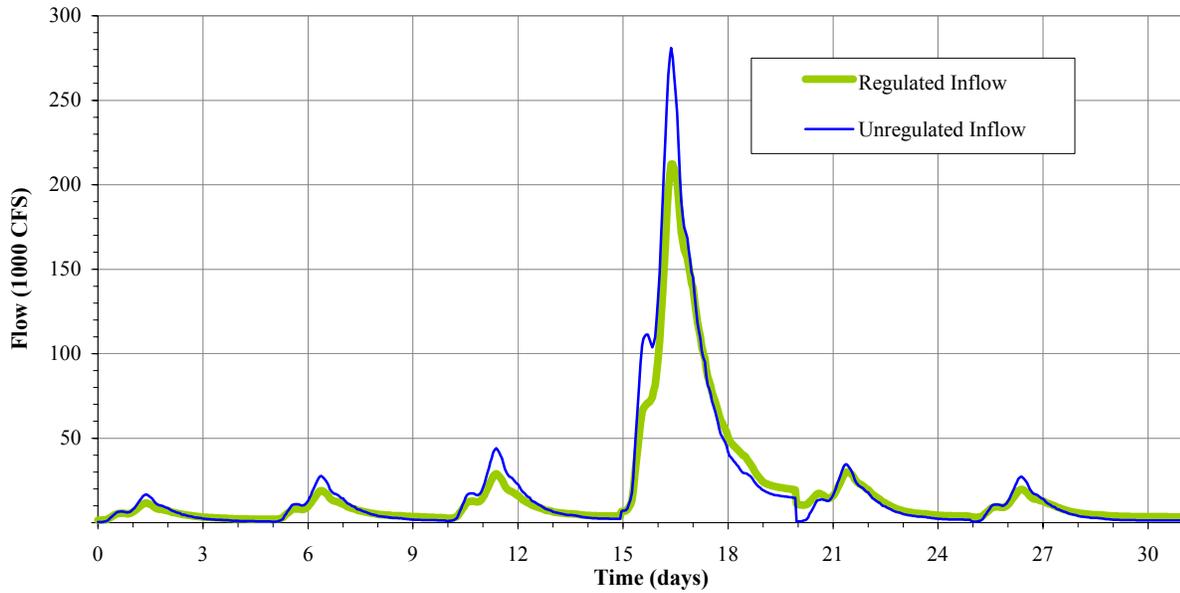


Sacramento & San Joaquin River Basins
 Comprehensive Study

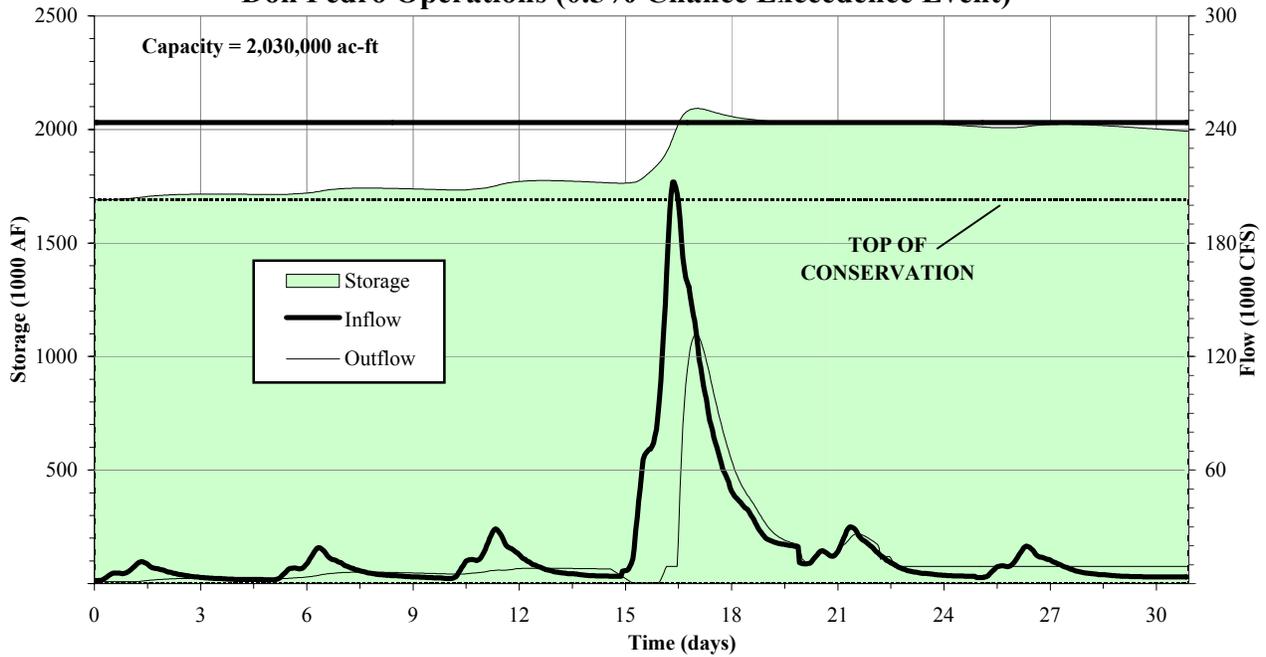
Figure C.1-12e
 Reservoir Simulation Hydrographs
 Don Pedro
 (1% Chance Exceedence Event)

US Army Corps of Engineers
 The Reclamation Board, State of California December 2002

TUOLUMNE RIVER
Don Pedro Inflow (0.5% Chance Exceedence Event)
 Regulated and Unregulated Inflow



Don Pedro Operations (0.5% Chance Exceedence Event)

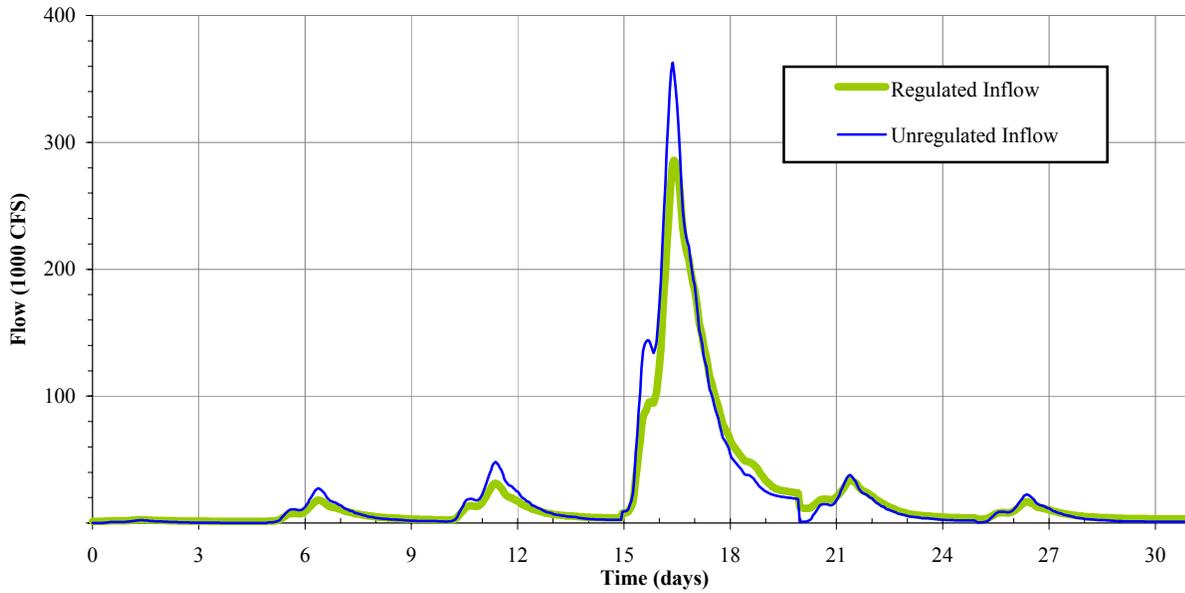


Sacramento & San Joaquin River Basins
 Comprehensive Study

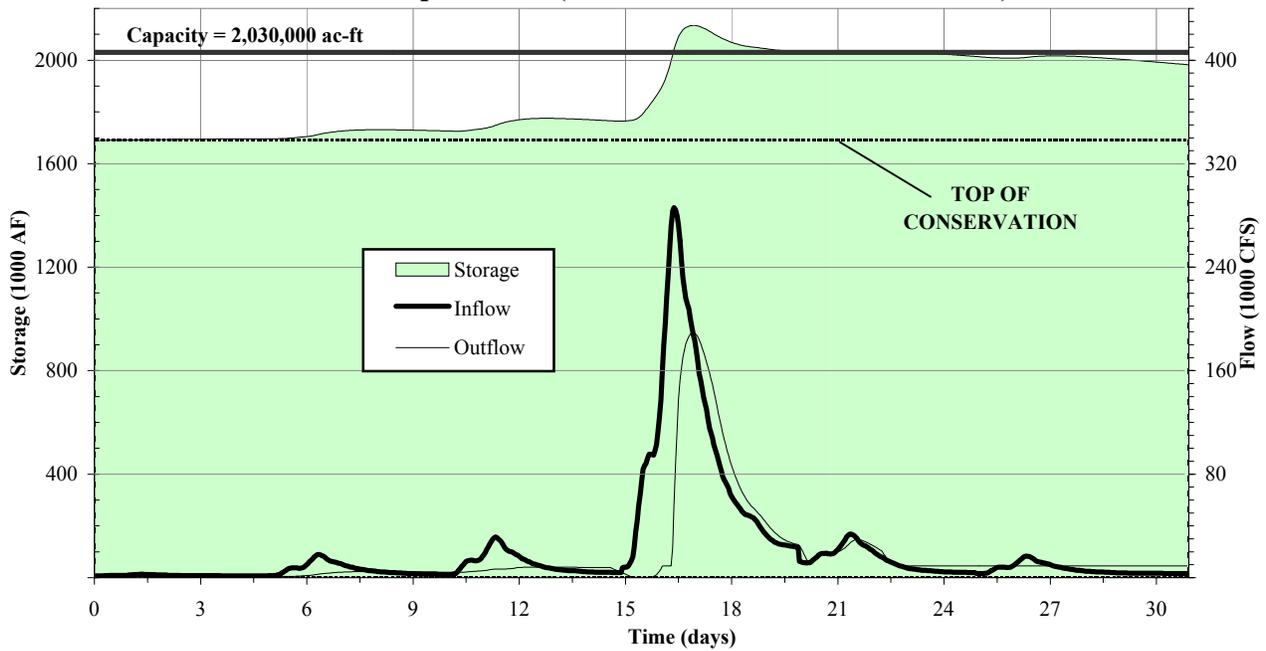
Figure C.1-12f
 Reservoir Simulation Hydrographs
 Don Pedro
 (0.5% Chance Exceedence Event)

US Army Corps of Engineers
 The Reclamation Board, State of California December 2002

TUOLUMNE RIVER
Don Pedro Inflow (0.2% Chance Exceedence Event)
 Regulated and Unregulated Inflow



Don Pedro Operations (0.2% Chance Exceedence Event)



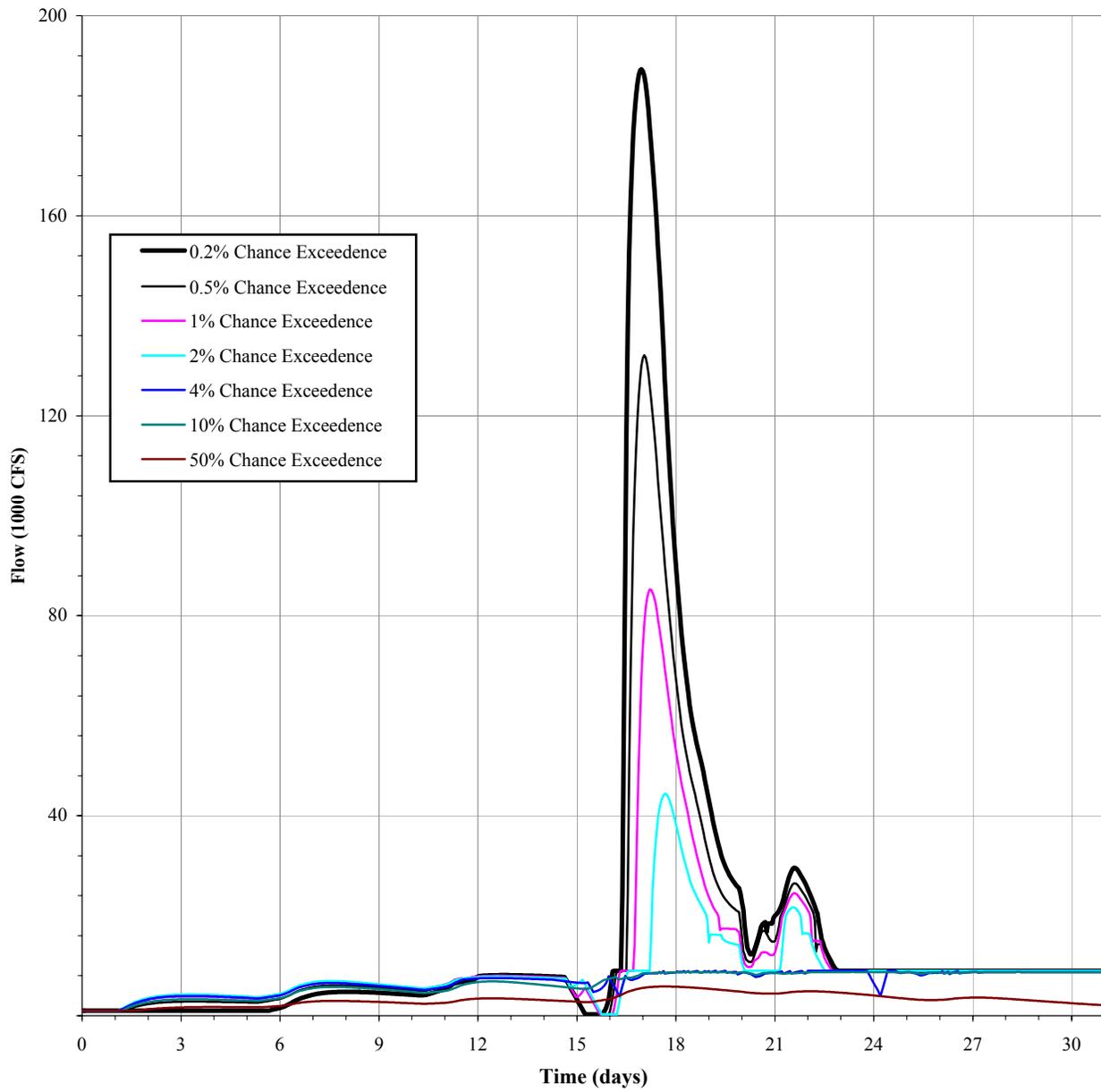
Sacramento & San Joaquin River Basins
 Comprehensive Study

Figure C.1-12g
 Reservoir Simulation Hydrographs
 Don Pedro
 (0.2% Chance Exceedence Event)

US Army Corps of Engineers
 The Reclamation Board, State of California December 2002

Don Pedro Outflow

Regulated Outflow Hydrographs

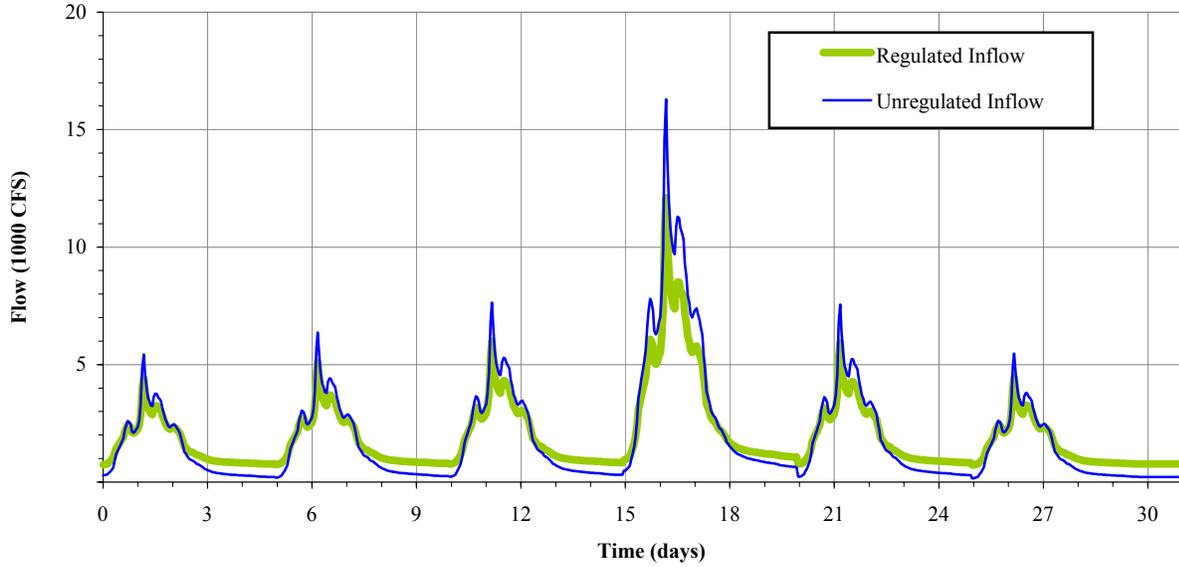


Sacramento & San Joaquin River Basins
Comprehensive Study

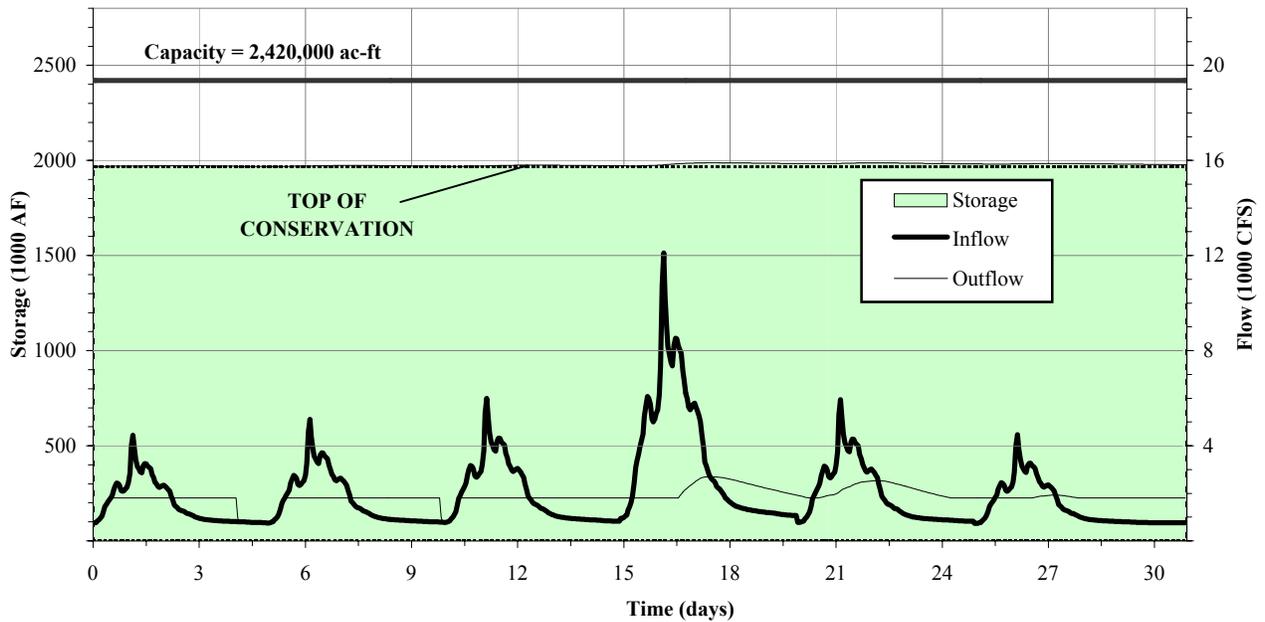
Figure C.1-12h
Reservoir Simulation Hydrographs
Regulated Outflow - Don Pedro

US Army Corps of Engineers
The Reclamation Board, State of California December 2002

STANISLAUS RIVER
New Melones Inflow (50% Chance Exceedence Event)
 Regulated and Unregulated Inflow



New Melones Operations (50% Chance Exceedence Event)

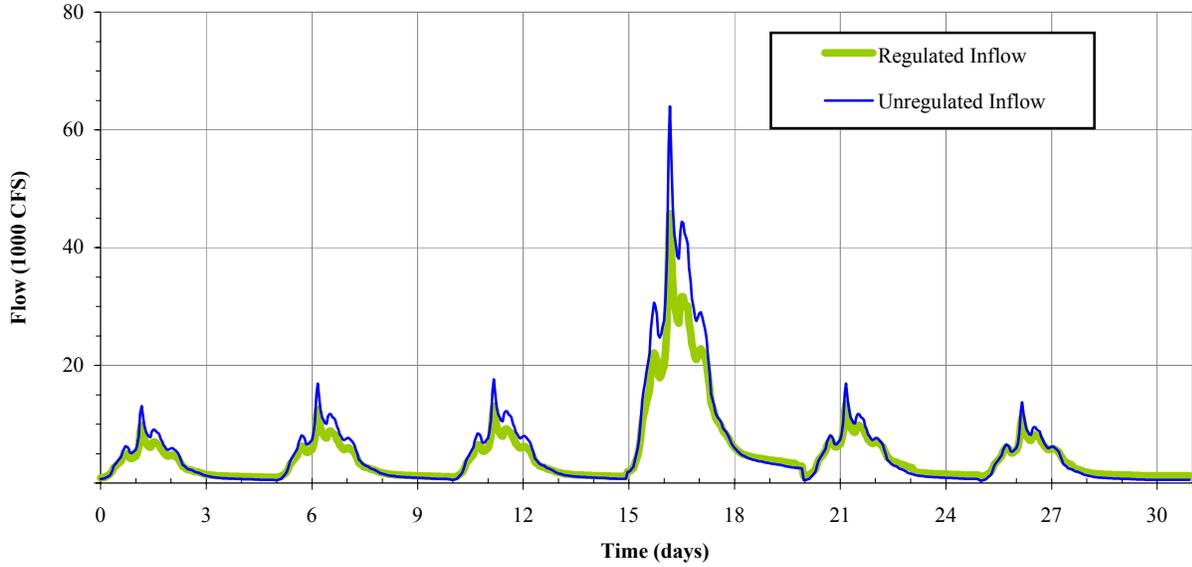


Sacramento & San Joaquin River Basins
 Comprehensive Study

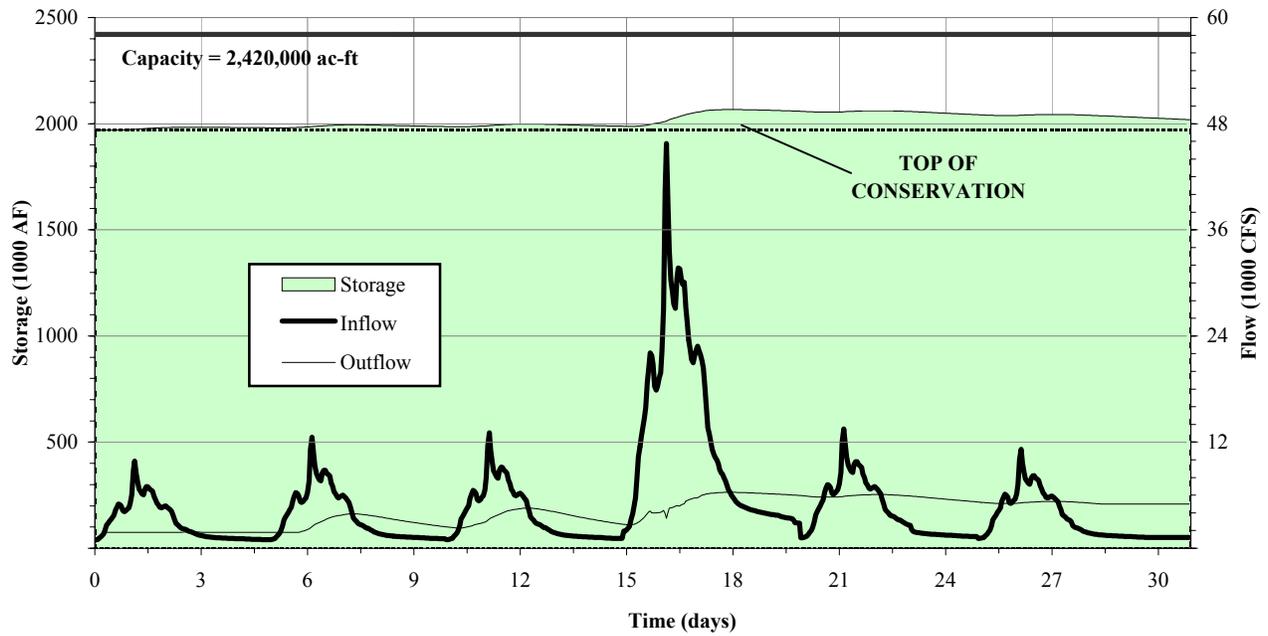
Figure C.1-13a
 Reservoir Simulation Hydrographs
 New Melones
 (50% Chance Exceedence Event)

US Army Corps of Engineers
 The Reclamation Board, State of California December 2002

STANISLAUS RIVER
New Melones Inflow (10% Chance Exceedence Event)
 Regulated and Unregulated Inflow

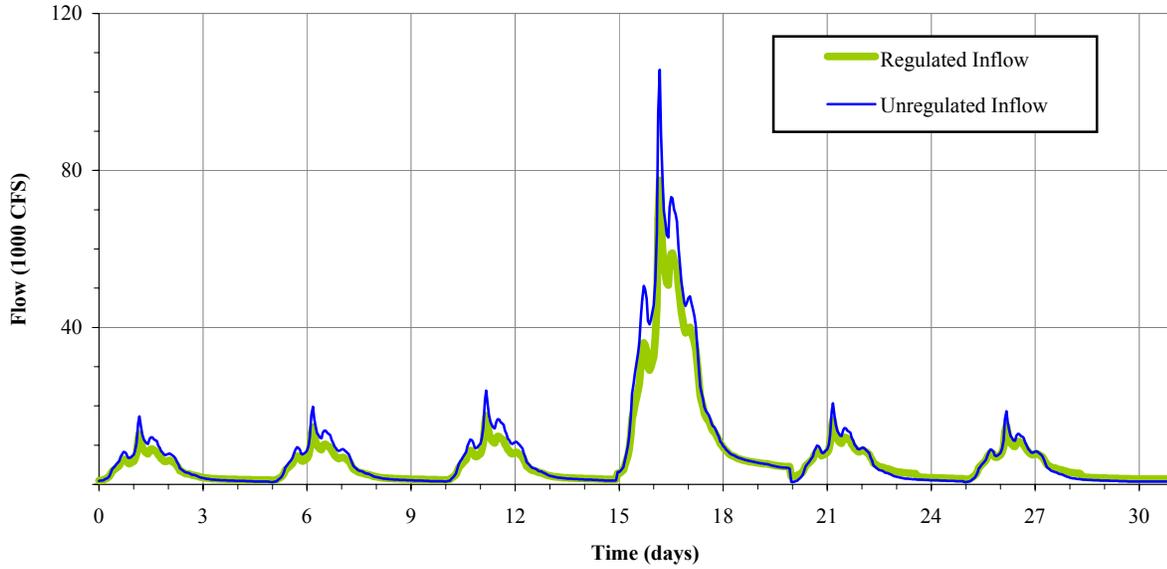


New Melones Operations (10% Chance Exceedence Event)

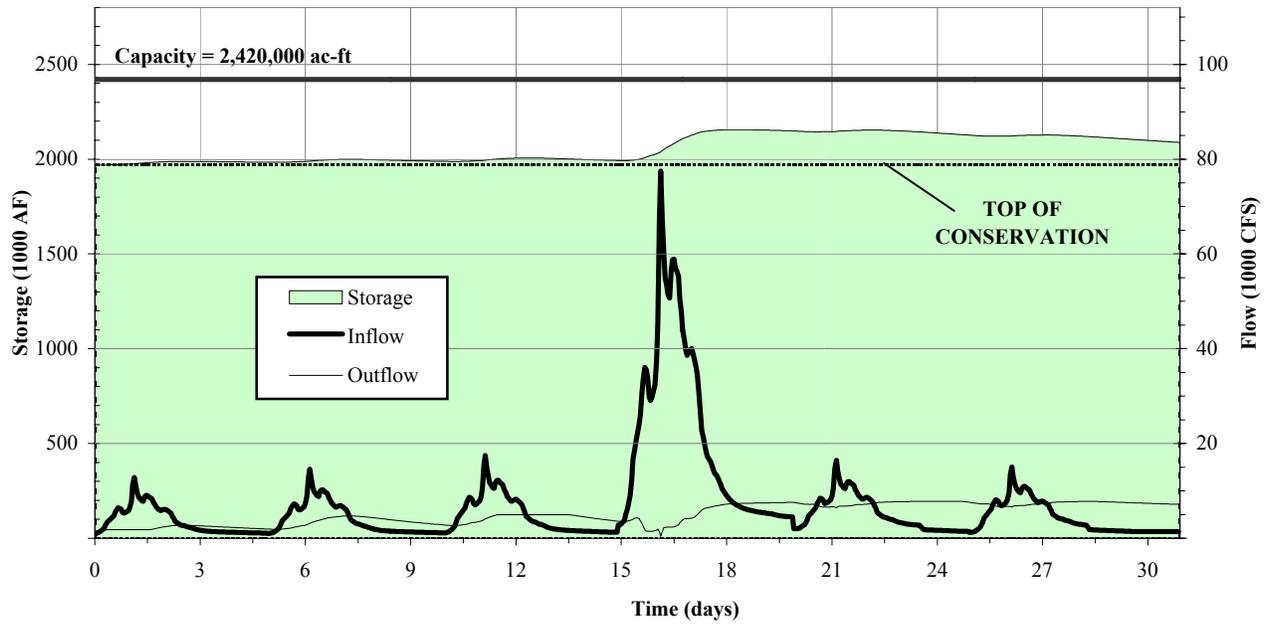


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-13b Reservoir Simulation Hydrographs New Melones (10% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

STANISLAUS RIVER
New Melones Inflow (4% Chance Exceedence Event)
 Regulated and Unregulated Inflow

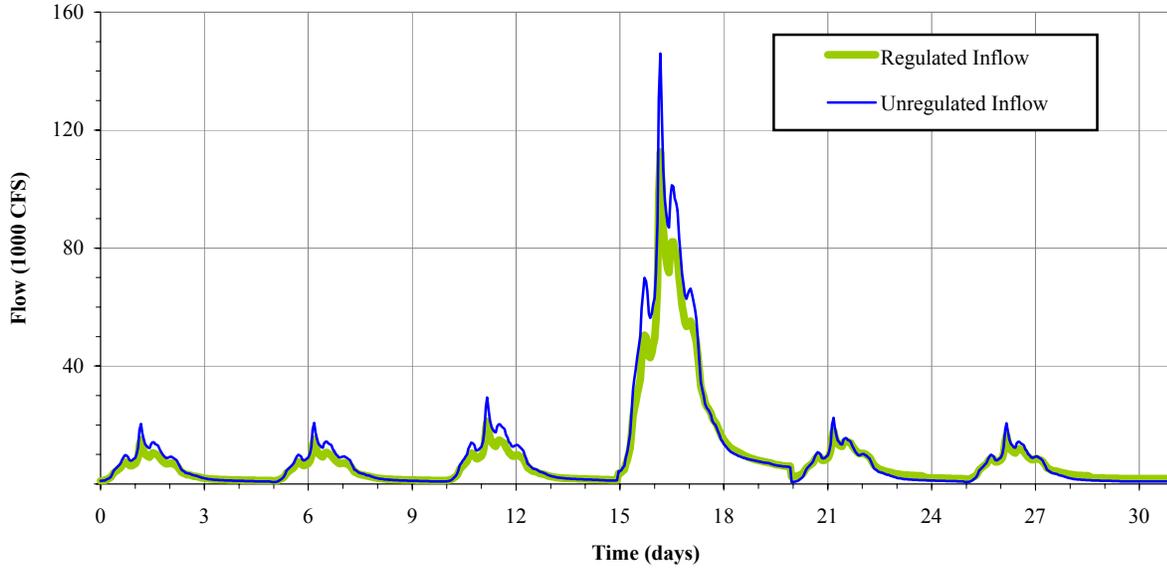


New Melones Operations (4% Chance Exceedence Event)

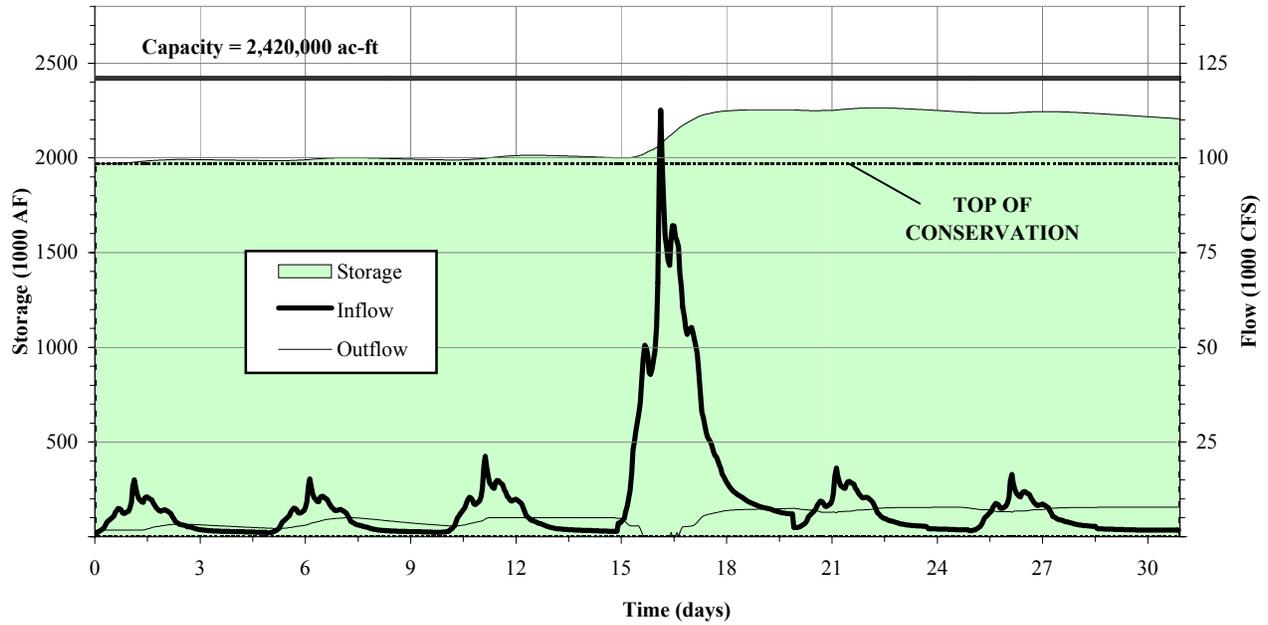


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-13c Reservoir Simulation Hydrographs New Melones (4% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

STANISLAUS RIVER
New Melones Inflow (2% Chance Exceedence Event)
 Regulated and Unregulated Inflow

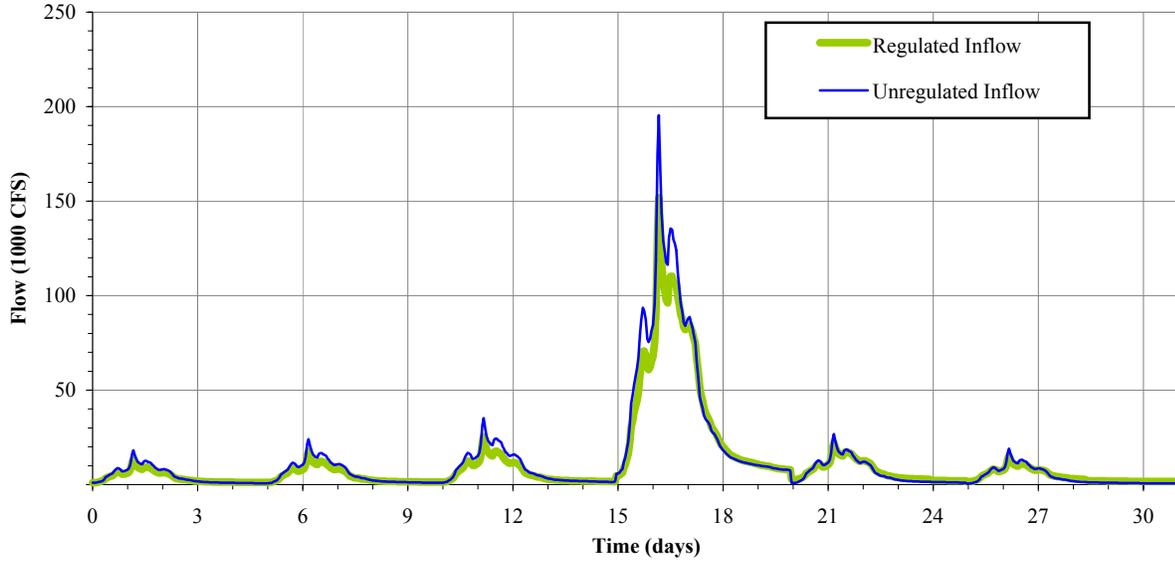


New Melones Operations (2% Chance Exceedence Event)

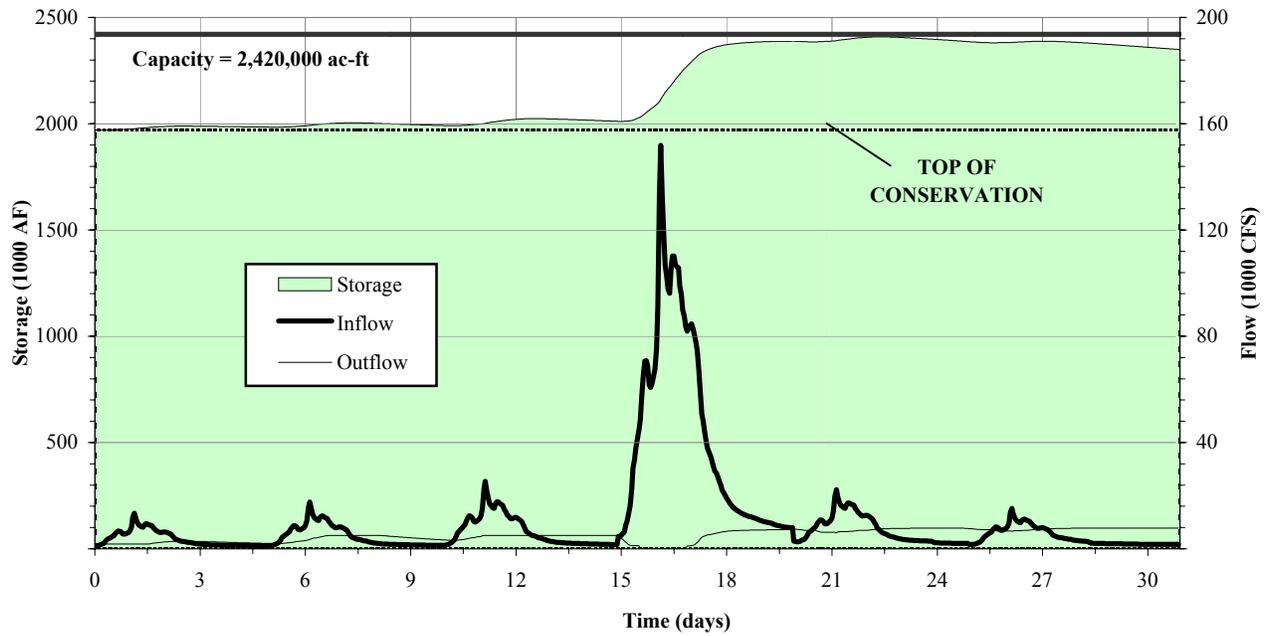


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-13d Reservoir Simulation Hydrographs New Melones (2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

STANISLAUS RIVER
New Melones Inflow (1% Chance Exceedence Event)
 Regulated and Unregulated Inflow

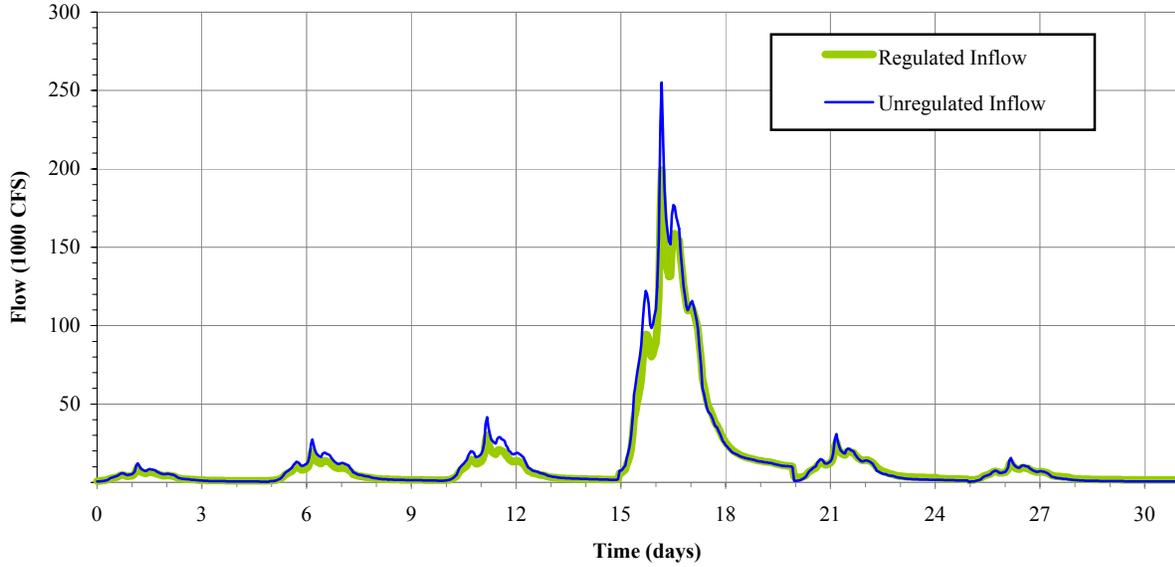


New Melones Operations (1% Chance Exceedence Event)

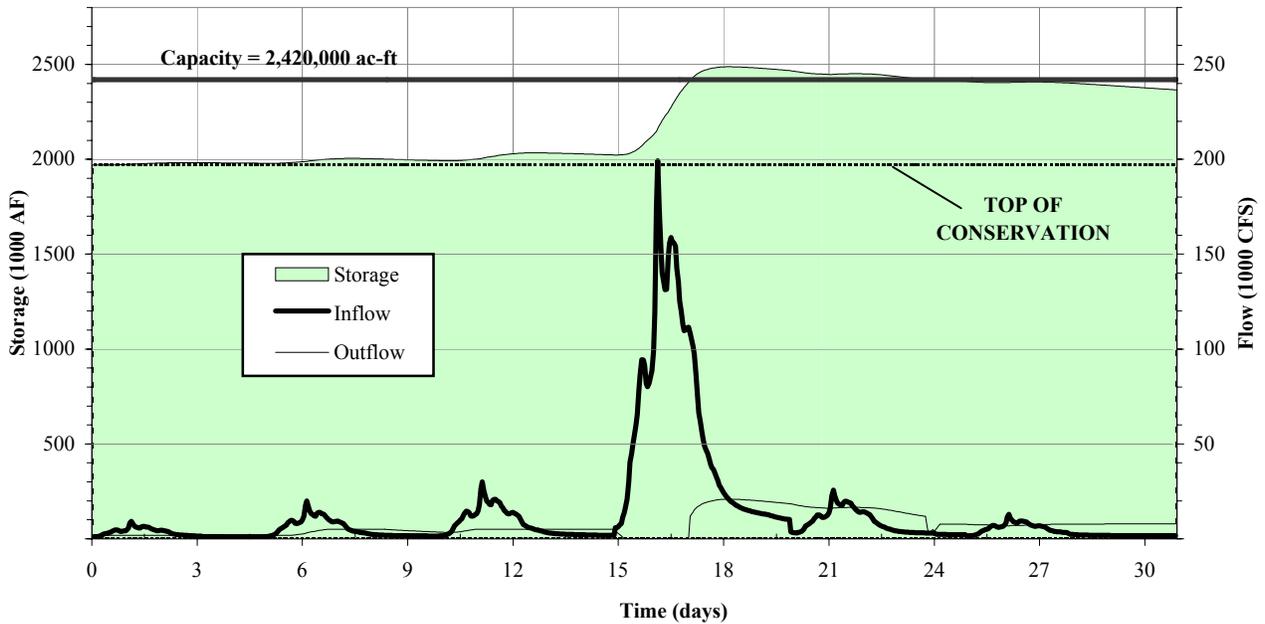


Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-13e Reservoir Simulation Hydrographs New Melones (1% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002

Stanislaus River
New Melones Inflow (0.5% Chance Exceedence Event)
 Regulated and Unregulated Inflow



New Melones Operations (0.5% Chance Exceedence Event)



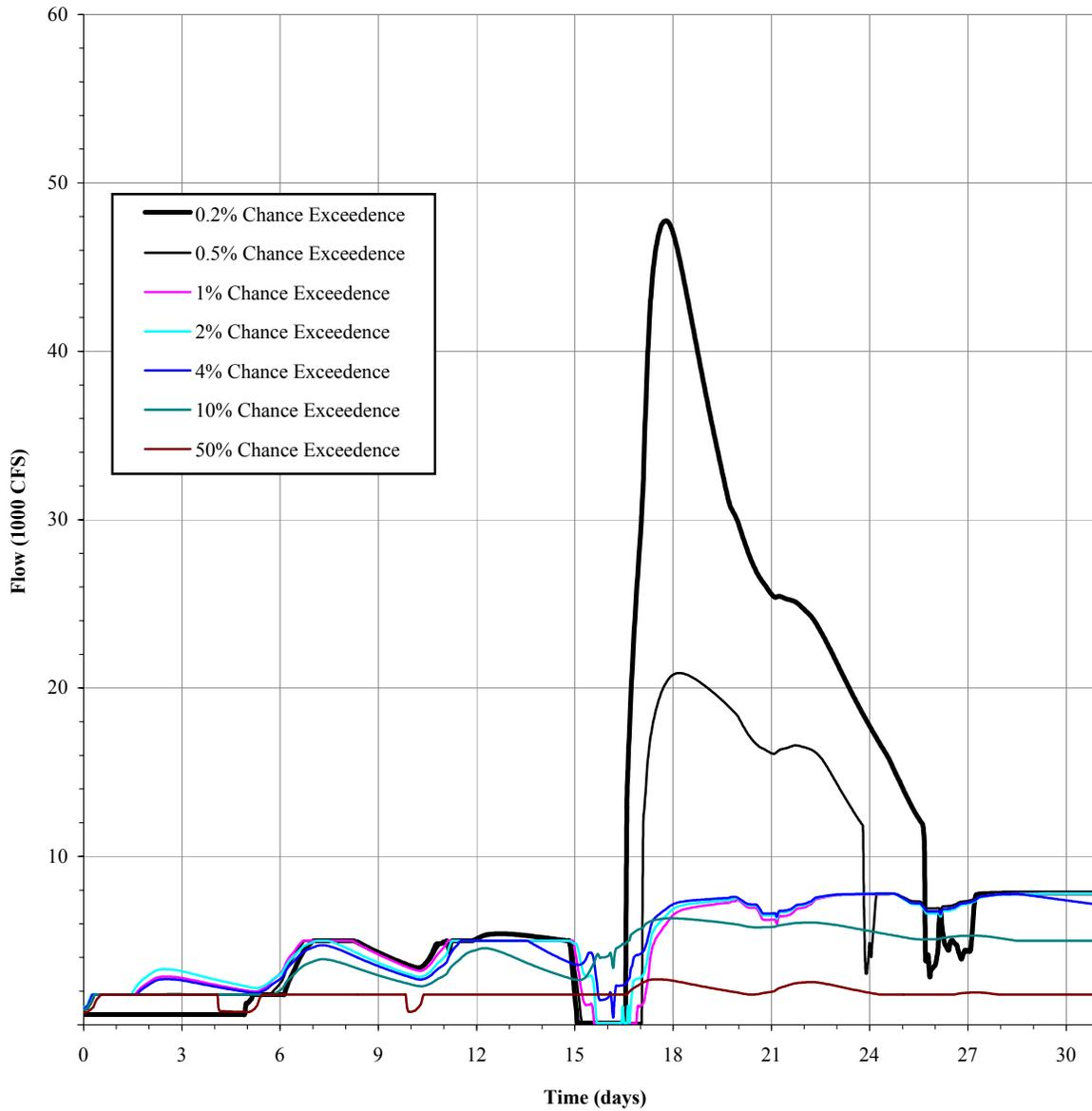
Sacramento & San Joaquin River Basins
 Comprehensive Study

Figure C.1-13f
 Reservoir Simulation Hydrographs
 New Melones
 (0.5% Chance Exceedence Event)

US Army Corps of Engineers
 The Reclamation Board, State of California December 2002

New Melones Outflow

Regulated Outflow Hydrographs

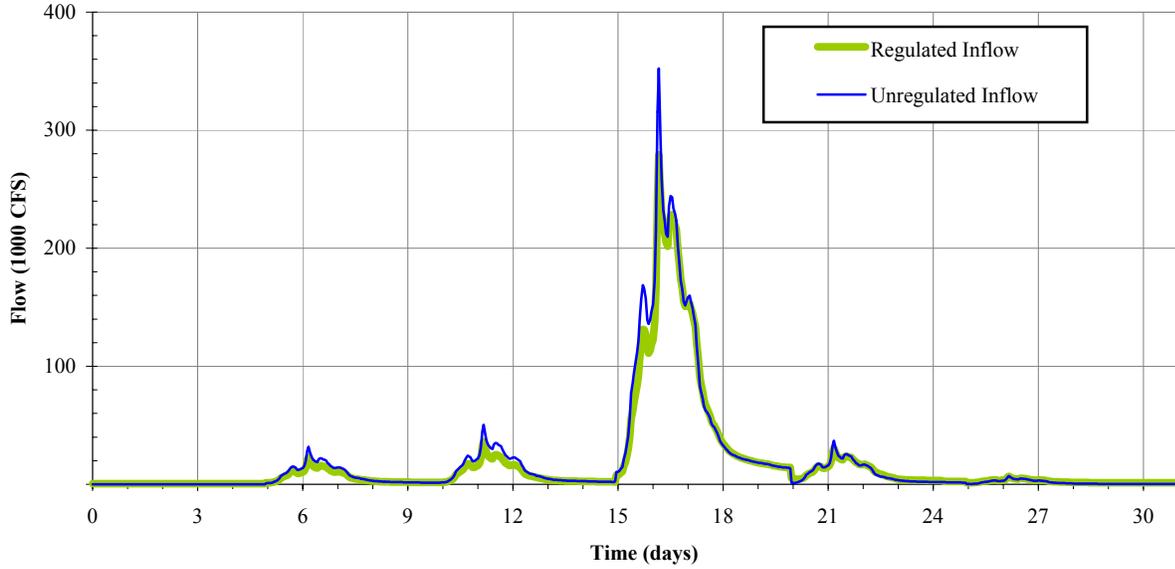


Sacramento & San Joaquin River Basins
Comprehensive Study

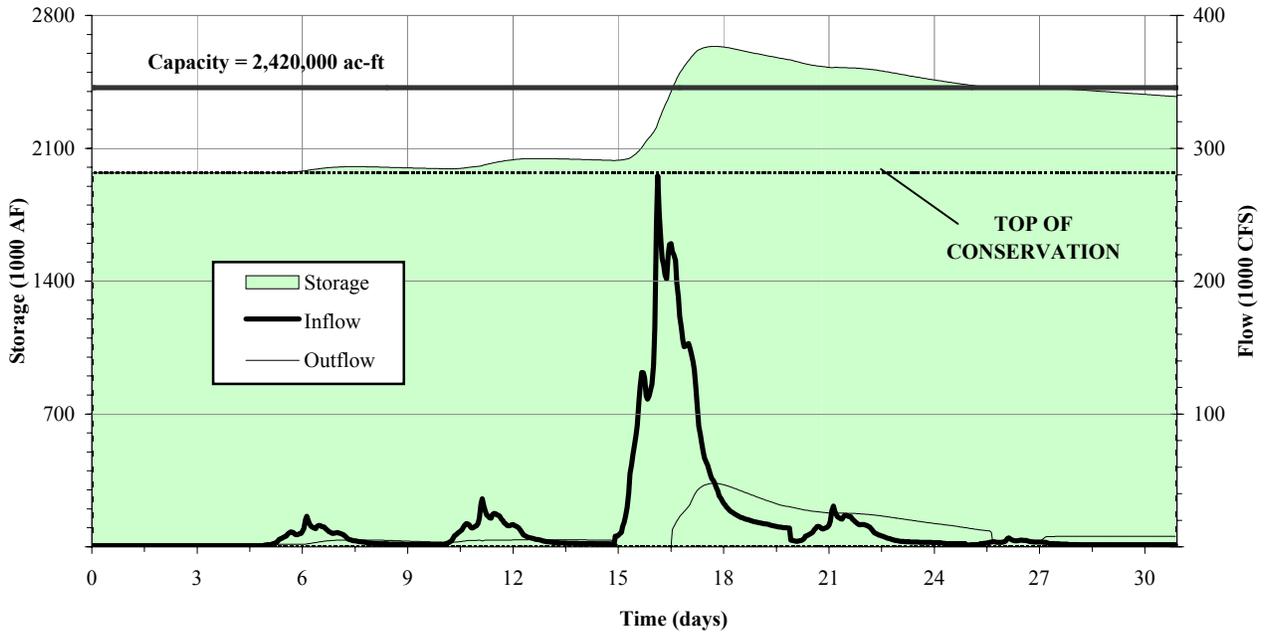
Figure C.1-13h
Reservoir Simulation Hydrographs
Regulated Outflow - New Melones

US Army Corps of Engineers
The Reclamation Board, State of California December 2002

STANISLAUS RIVER
New Melones Inflow (0.2% Chance Exceedence Event)
 Regulated and Unregulated Inflow



New Melones Operations (0.2% Chance Exceedence Event)



Sacramento & San Joaquin River Basins Comprehensive Study
Figure C.1-13g Reservoir Simulation Hydrographs New Melones (0.2% Chance Exceedence Event)
US Army Corps of Engineers The Reclamation Board, State of California December 2002