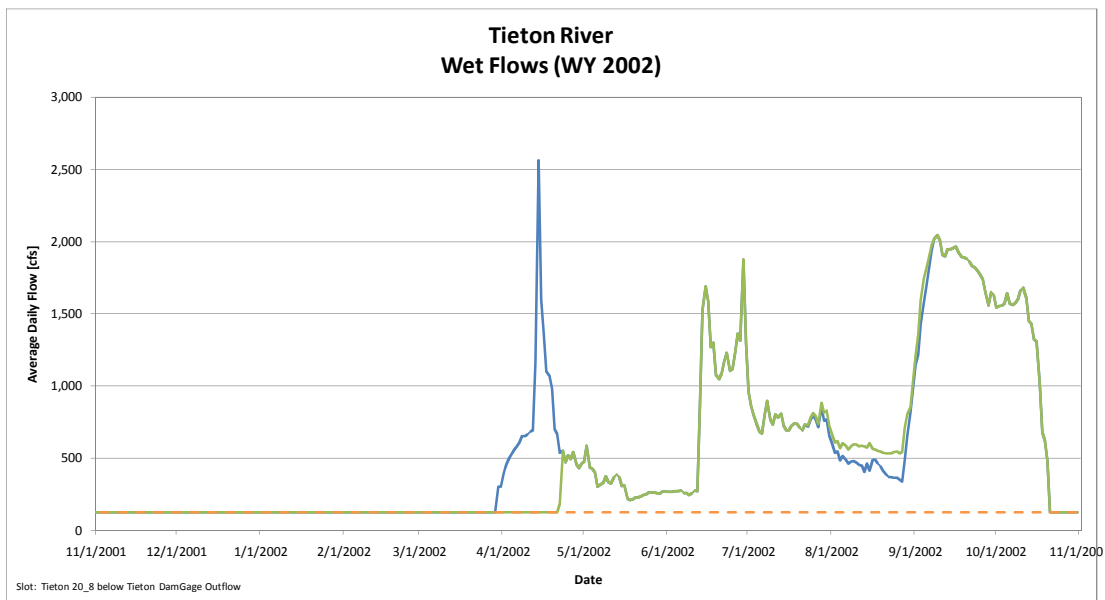
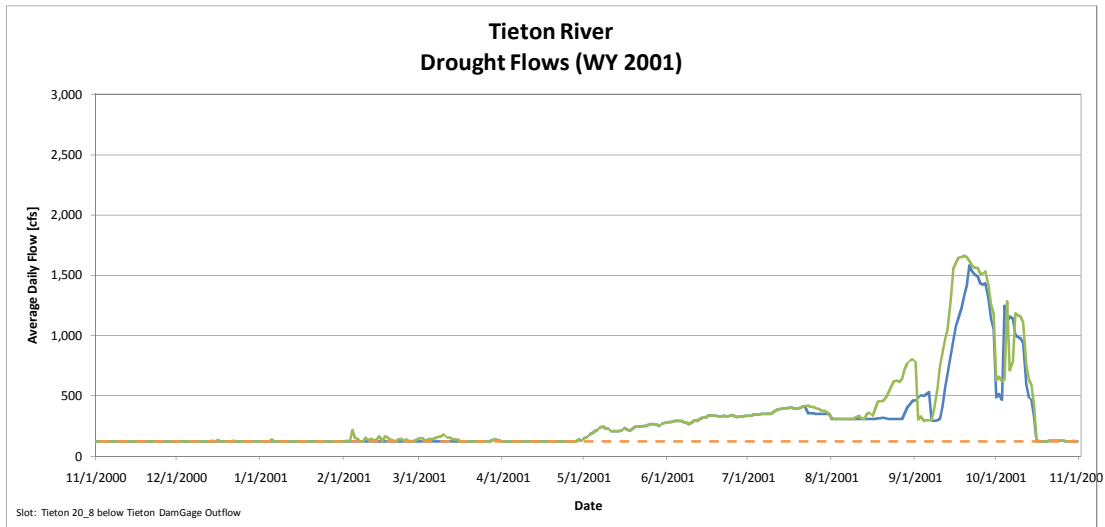
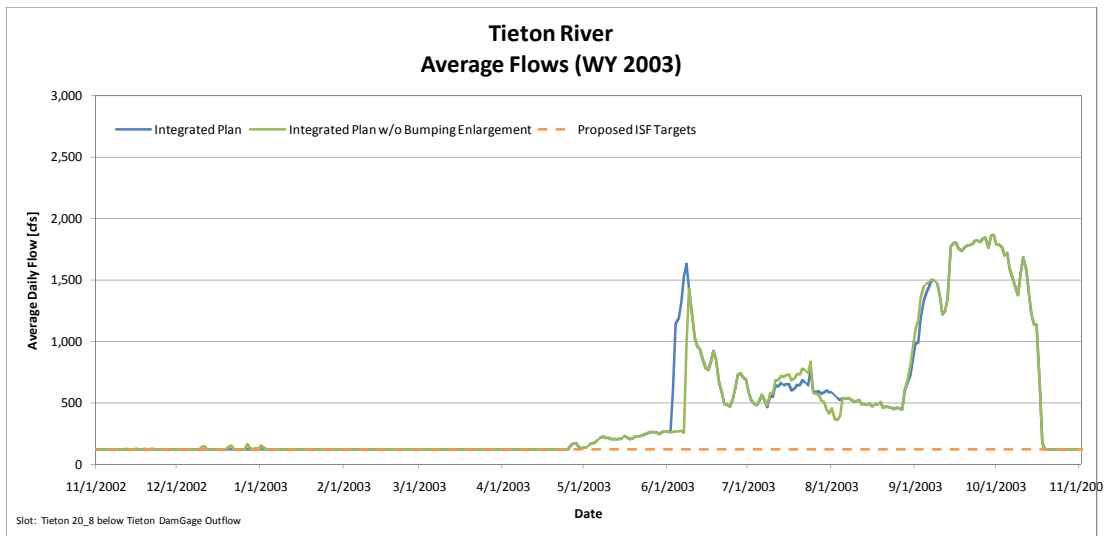


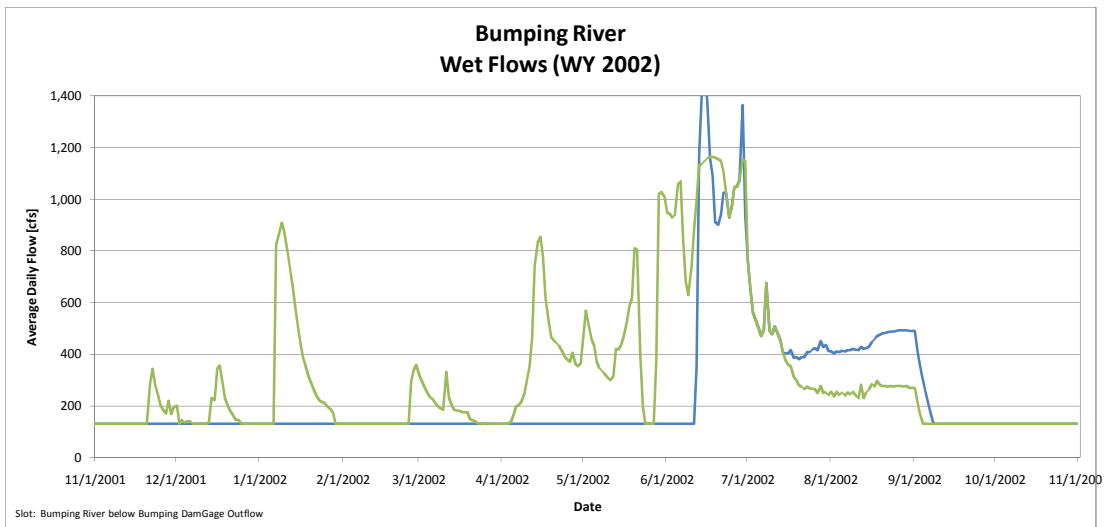
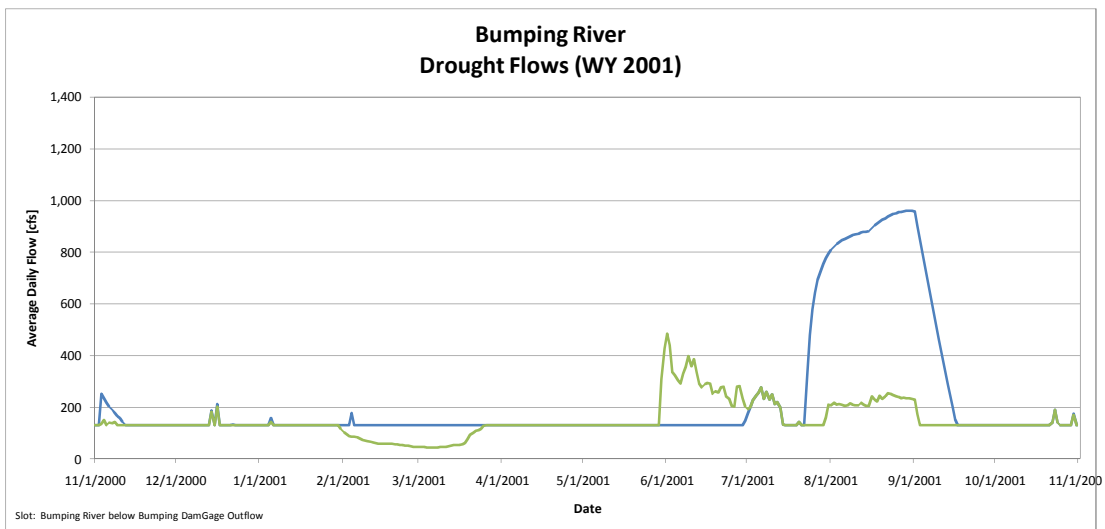
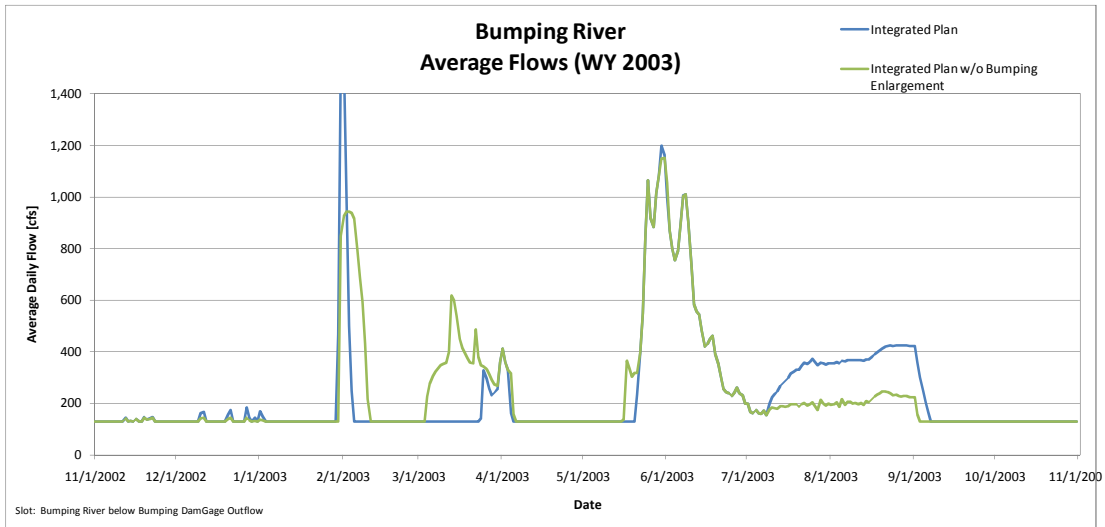
Resource indicator (measurement)	Integrated Plan	Integrated Plan w/o Bumping Enlargement
WATER RESOURCES		
<i>Average for water years 1981–2005 (maf)</i>		
Water supply		
April 1 total water supply available (TWSA)	3.02	2.96
Water distribution		
April–September Parker flow volume	0.59	0.60
April–September diversion	1.64	1.64
September 30 reservoir contents	0.59	0.44
April–September flow volume at mouth of Yakima River	0.99	1.00
<i>1994 dry-year (maf)</i>		
Water supply		
April 1 TWSA	2.22	2.09
Water distribution		
April–September Parker flow volume	0.24	0.23
April–September diversion	1.53	1.48
September 30 reservoir contents	-0.05	-0.12
April–September flow volume at mouth of Yakima River	0.46	0.46
Irrigation proration level	70%	67%

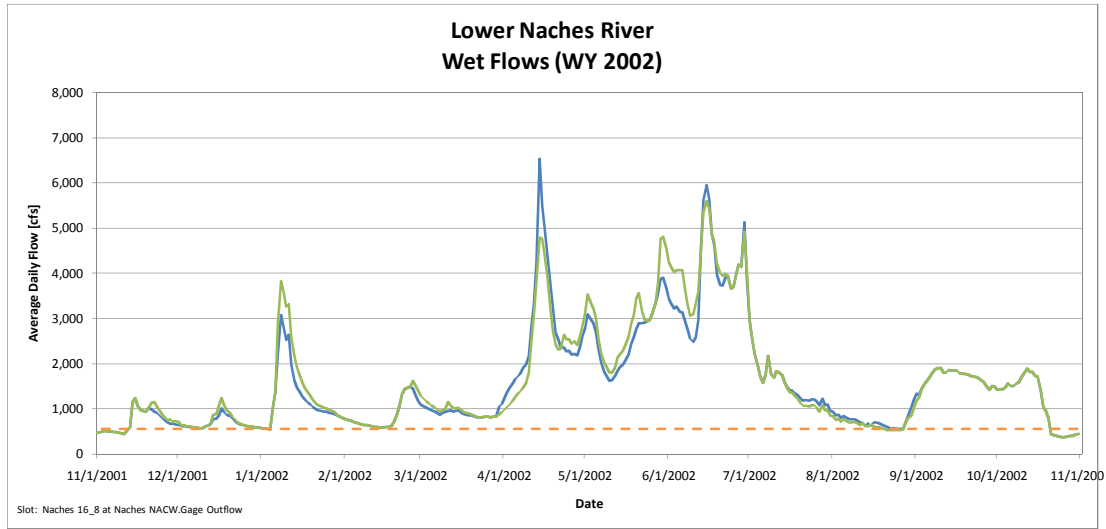
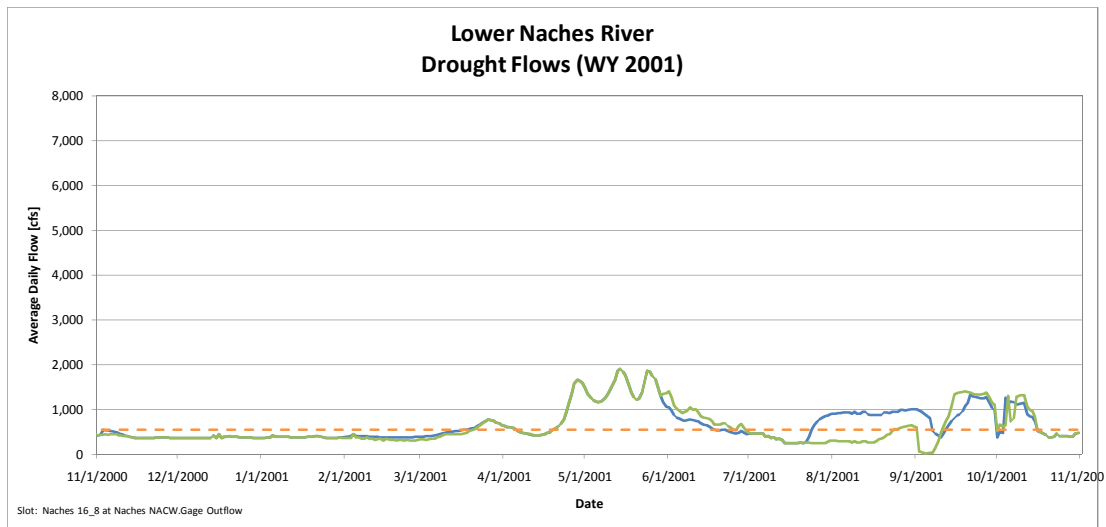
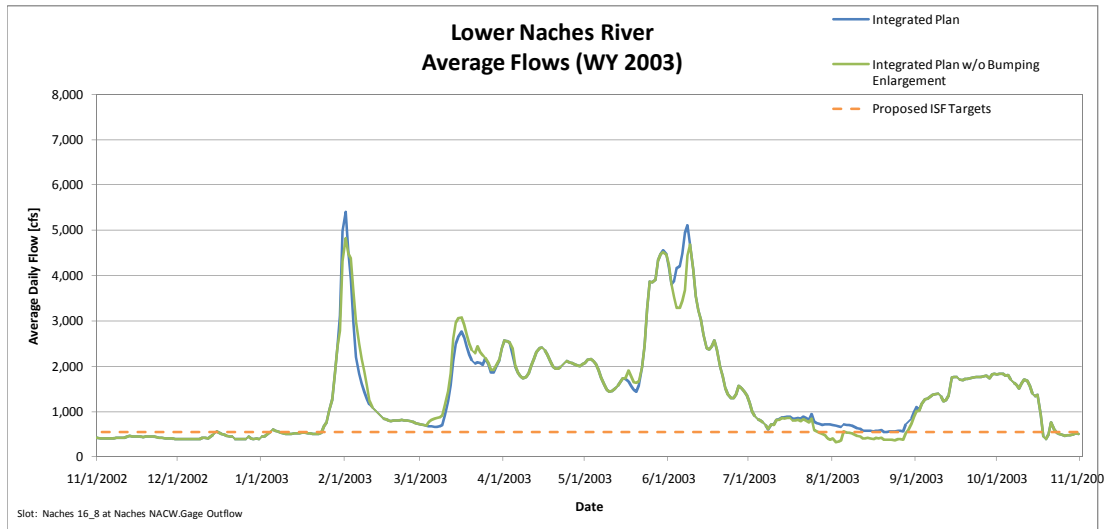
Resource indicator (measurement)	Integrated Plan	Integrated Plan w/o Bumping Enlargement
ANADROMOUS FISH		
<i>Rate of change in flow during flip-flop (average cfs/day August 16–September 14)</i>		
Easton reach	-4	-5
Ellensburg reach	-51	-57
Lower Naches River reach	21	25
<i>Pre- (August 1-15) and post- (September 14-28) flip-flop flow and absolute change in flow</i>		
Easton reach		
Pre-flip-flop flow (cfs)	485	530
Post-flip-flop flow (cfs)	375	372
Absolute change in flow (cfs)	-109	-157
Ellensburg reach		
Pre-flip-flop flow (cfs)	3,103	3,245
Post-flip-flop flow (cfs)	1,616	1,594
Absolute change in flow (cfs)	-1,488	-1,651
Lower Naches River reach		
Pre-flip-flop flow (cfs)	897	736
Post-flip-flop flow (cfs)	1,513	1,475
Absolute change in flow (cfs)	616	739
Average, minimum, and maximum reservoir elevation (feet) during bull trout spawning migration: July 15–September 15 (feet)		
Kachess Lake	2237.17 2151.02-2261.96	2235.94 2145.59-2261.96
Keechelus Lake	2476.88 2432.24-2516.96	2476.82 2432.17-2516.96
Rimrock Lake	2916.74 2846.37-2926	2912.52 2801.03-2926

Hydrologic Indicator	Integrated Plan					Integrated Plan w/o Bumping Enlargement				
	Average 1981-2005	Drought Year 1994	Drought Year 2001	Drought Year 2005	Wet Year 1997	Average 1981-2005	Drought Year 1994	Drought Year 2001	Drought Year 2005	Wet Year 1997
April 1 TWSA (maf)	3.02	2.22	2.46	2.37	4.73	2.96	2.09	2.31	2.16	4.70
April-September flow volume at Parker gage (kaf)	592	237	190	177	1909	600	230	190	171	1940
March-October flow volume at Parker gage (kaf)	896	394	331	291	2629	903	379	325	285	2639
April-September diversion volume upstream of Parker gage (maf)	1.64	1.53	1.54	1.54	1.68	1.64	1.48	1.53	1.53	1.68
September 30 non- Bumping or Wymer reservoir contents (kaf)	379	-112	125	79	737	354	-126	62	-39	722
October 31 non- Bumping or Wymer reservoir contents (kaf)	355	-114	119	72	810	330	-130	58	-46	811
September 30 Bumping and Wymer reservoir contents (kaf)	210	61	102	91	240	83	3	23	24	100
April-September flow volume at mouth of Yakima River (kaf)	995	464	390	413	2382	1002	458	390	405	2411
Irrigation proration level (percent) ¹	92%	70%	70%	70%	100%	91%	67%	70%	70%	100%

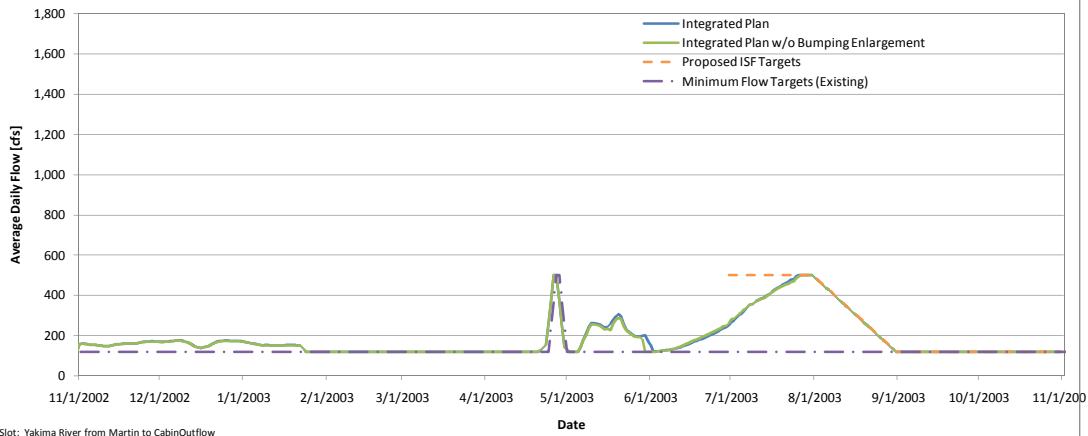
Item	Integrated Plan w/o Bumping Enlargement	Integrated Plan	Improvement
Average 1981-2005			
TWSA [April 1, kaf]	2961.5	3020.2	58.6
March-October flow volume at Parker gage [kaf]	903.1	895.7	-7.4
Drought Year 1994			
TWSA [April 1, kaf]	2086.2	2224.0	137.9
March-October flow volume at Parker gage [kaf]	379.2	394.2	15.0
Drought Year 2001			
TWSA [April 1, kaf]	2306.5	2455.5	149.0
March-October flow volume at Parker gage [kaf]	325.2	331.1	5.9
Drought Year 2005			
TWSA [April 1, kaf]	2164.0	2366.2	202.2
March-October flow volume at Parker gage [kaf]	285.0	290.5	5.5
Wet Year 1997			
TWSA [April 1, kaf]	4695.8	4734.9	39.1
March-October flow volume at Parker gage [kaf]	2638.6	2628.8	-9.8



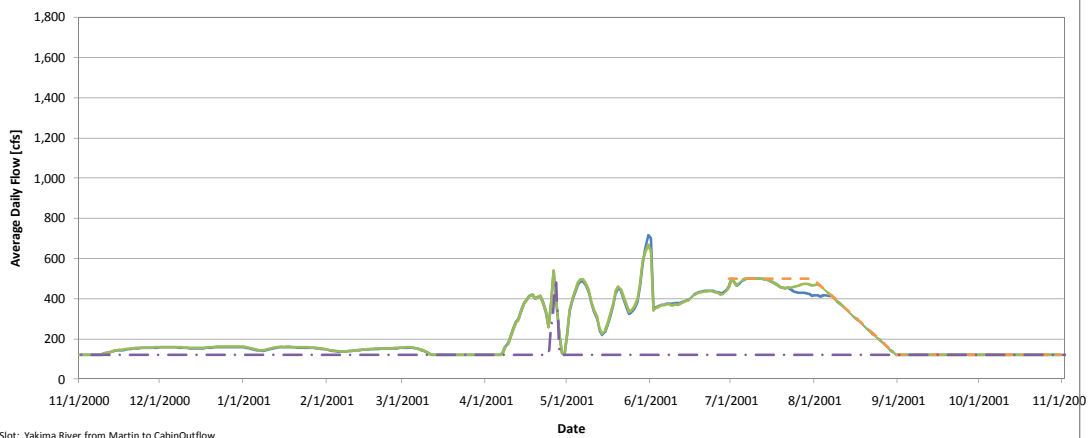




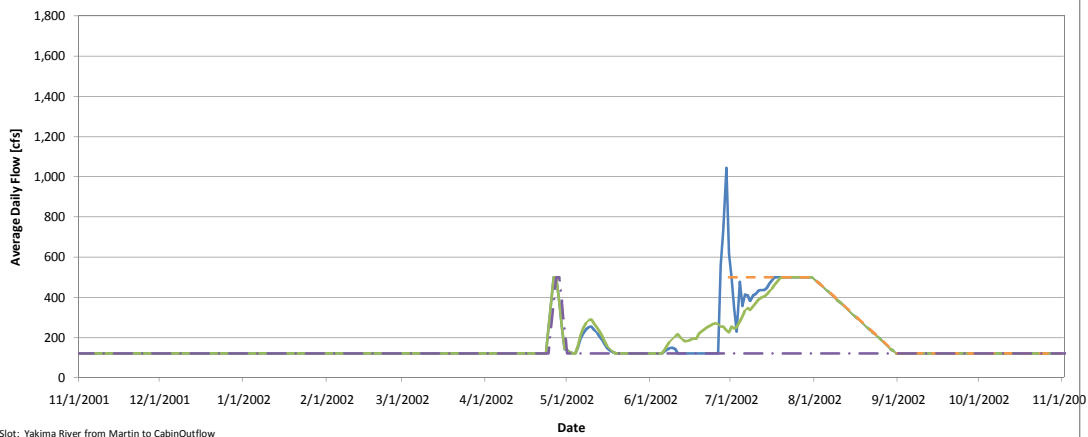
Yakima River, Keechelus Reservoir to Lake Easton Reach
Average Flows (WY 2003)

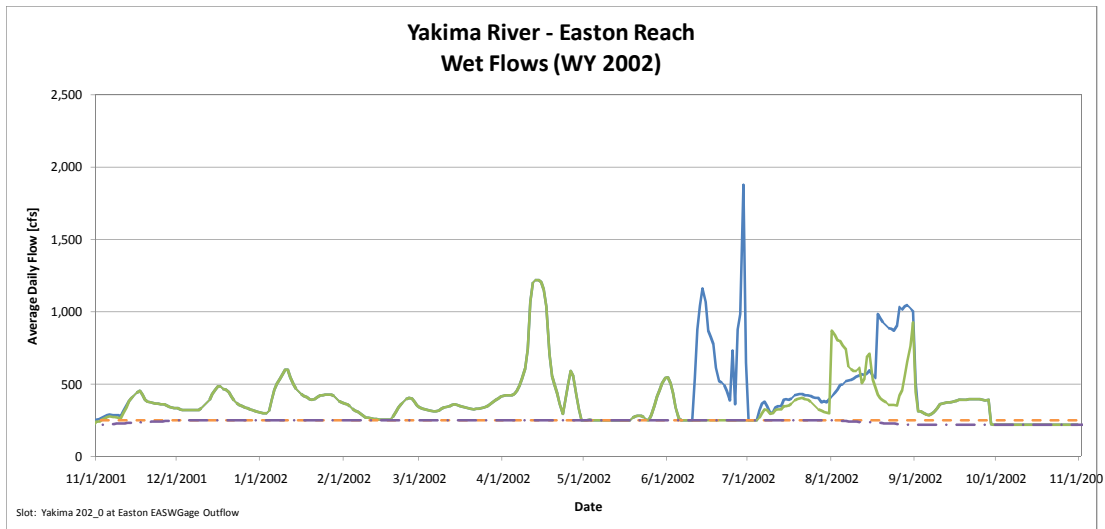
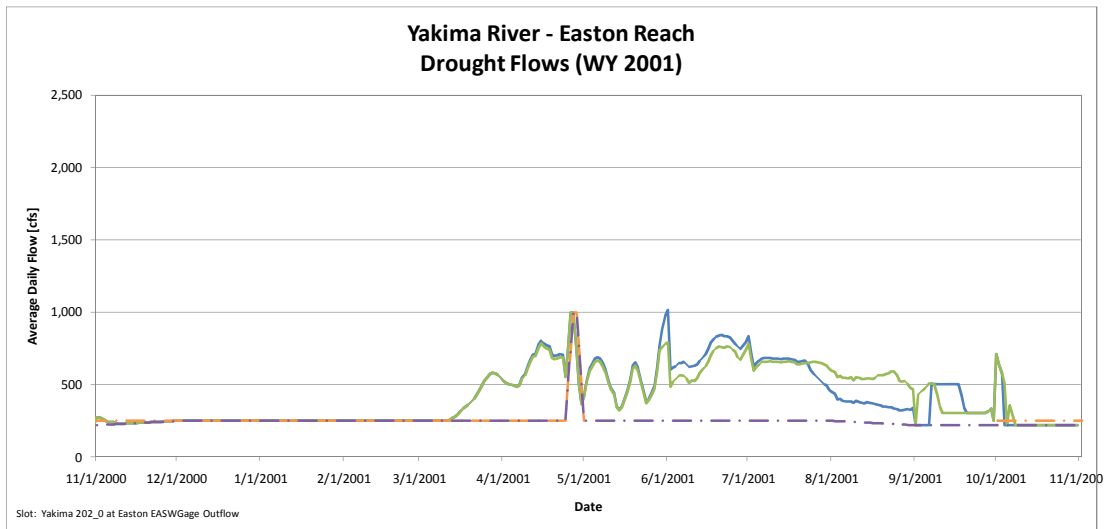
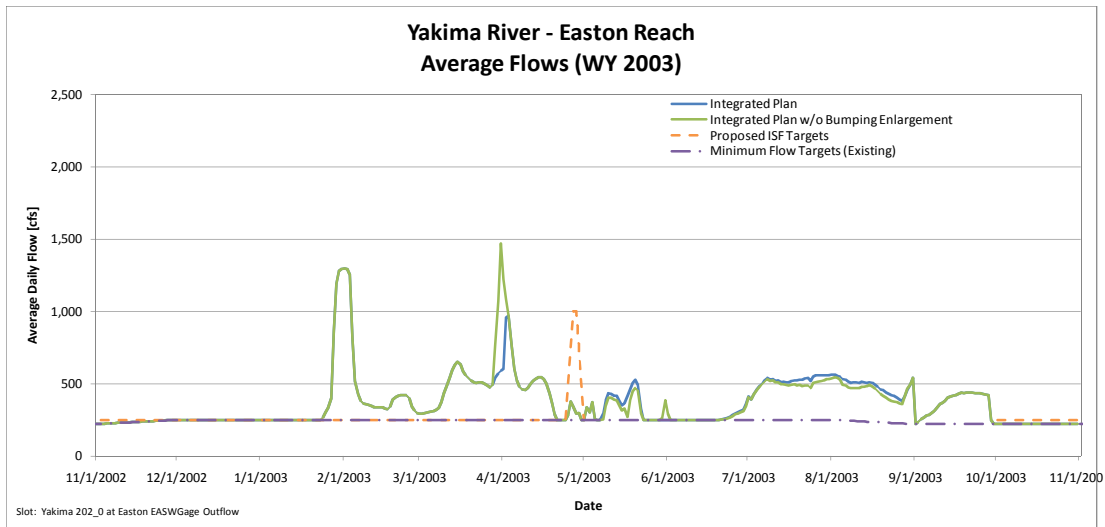


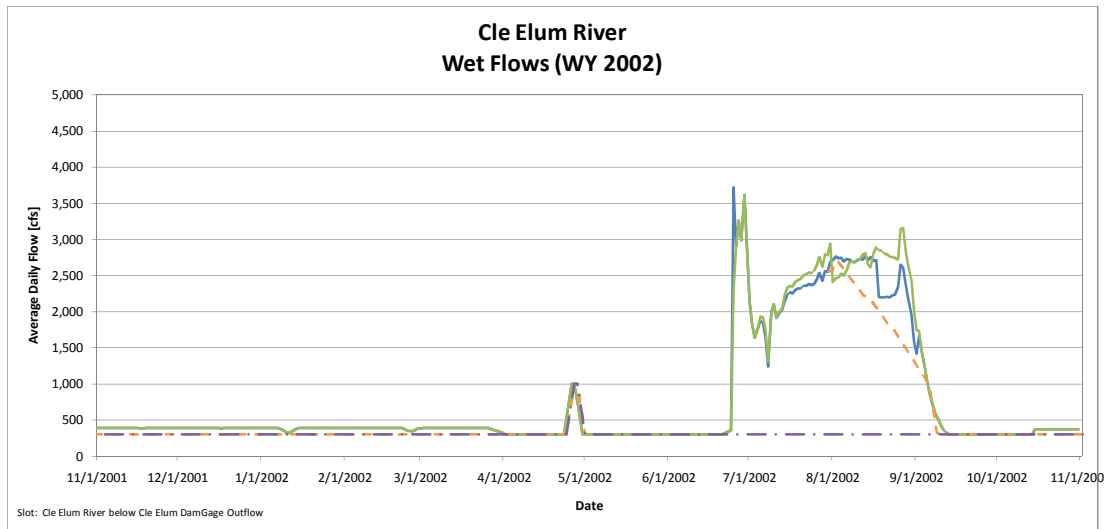
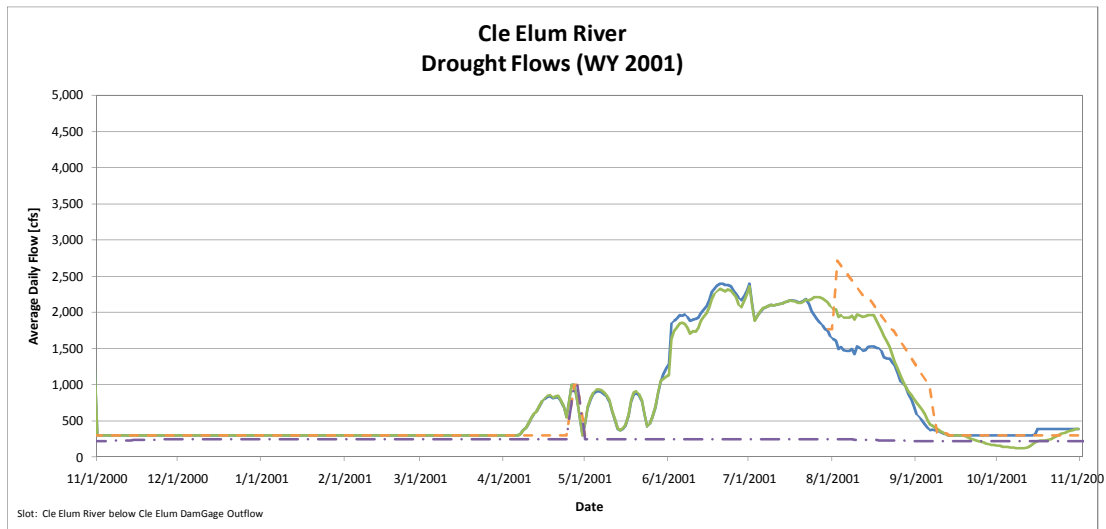
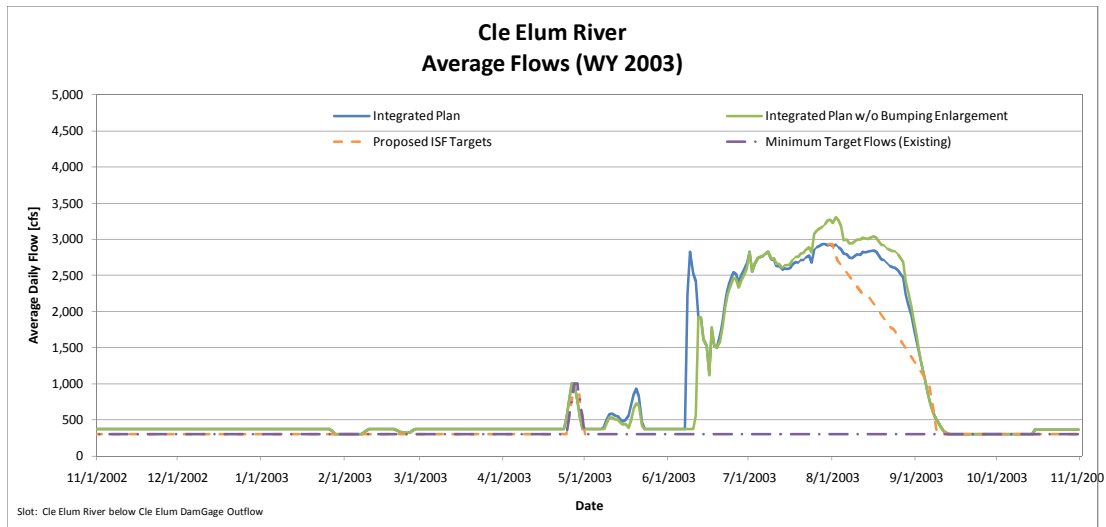
Yakima River, Keechelus Reservoir to Lake Easton Reach
Drought Flows (WY 2001)

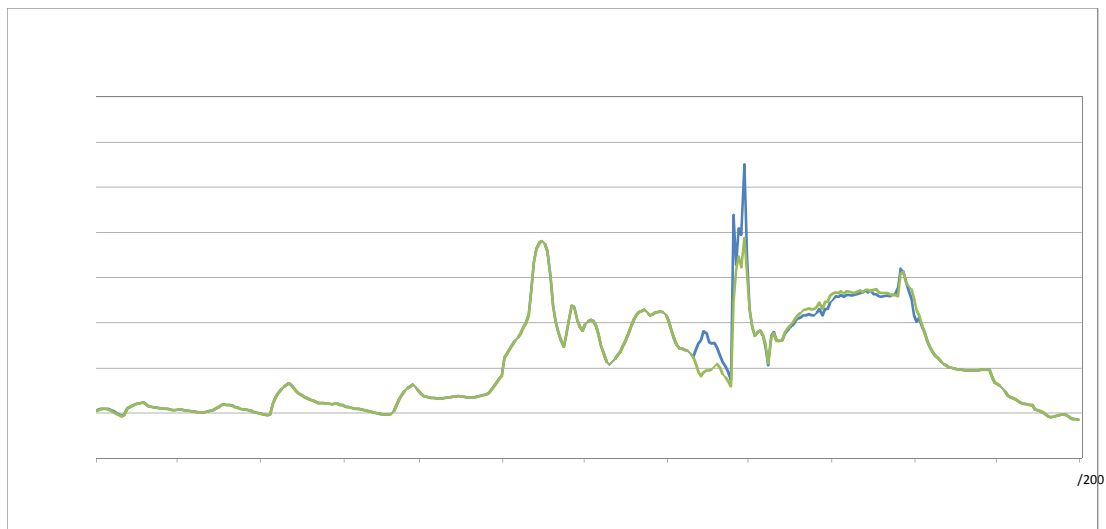
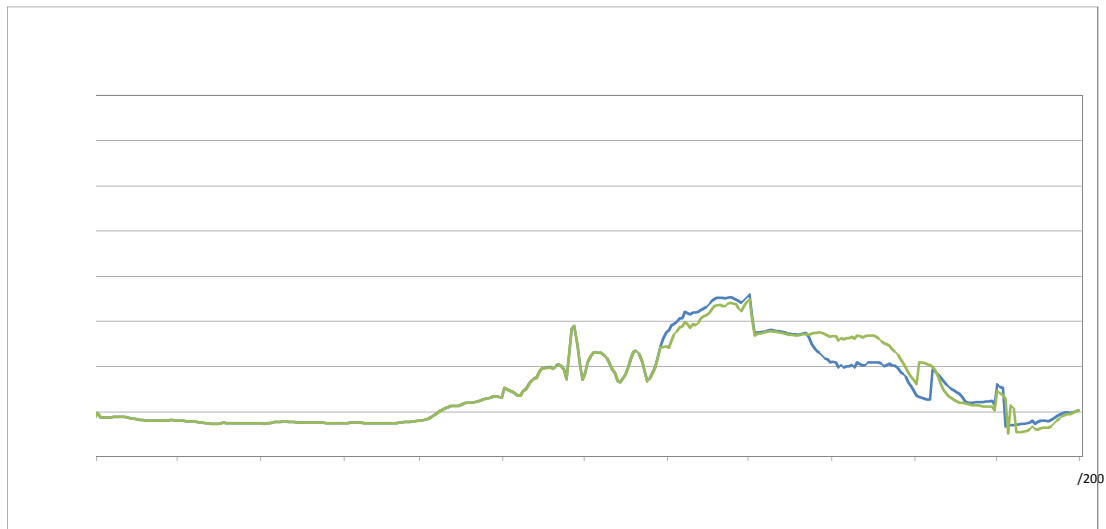
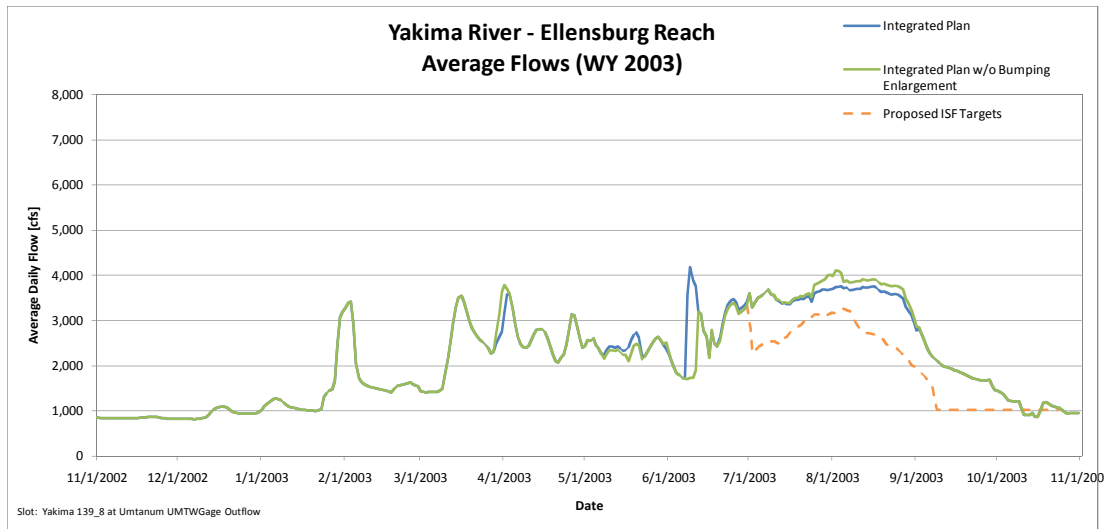


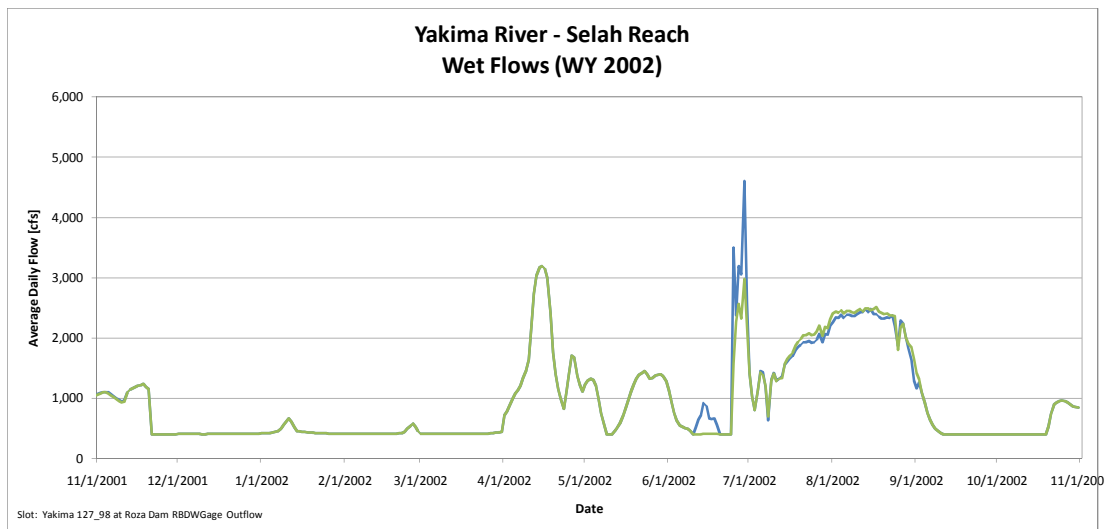
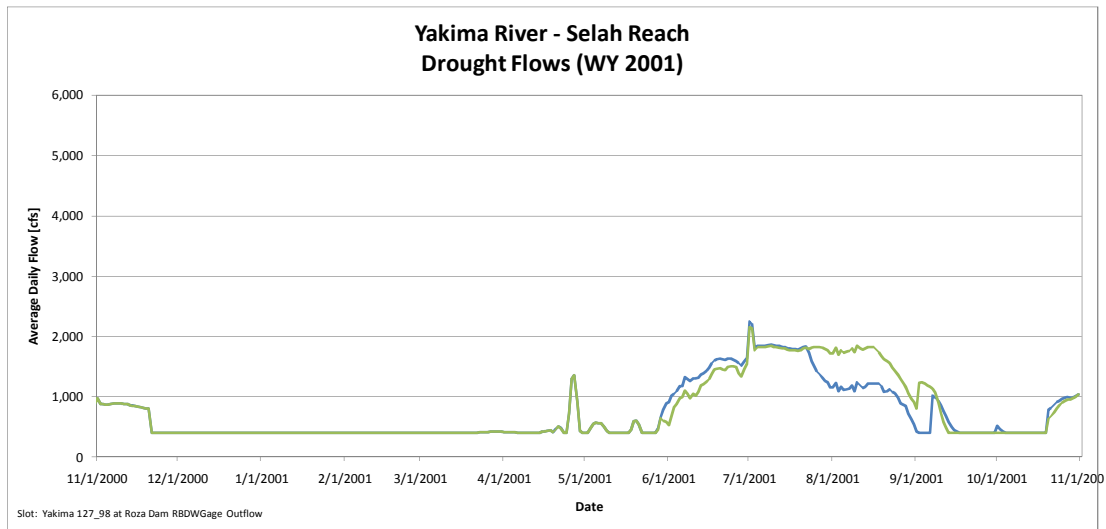
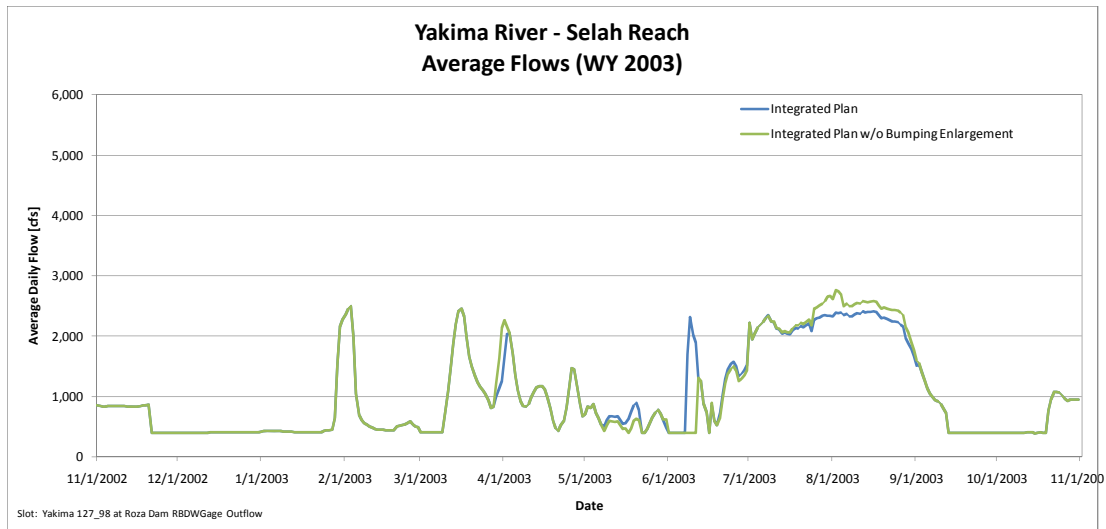
Yakima River, Keechelus Reservoir to Lake Easton Reach
Wet Flows (WY 2002)

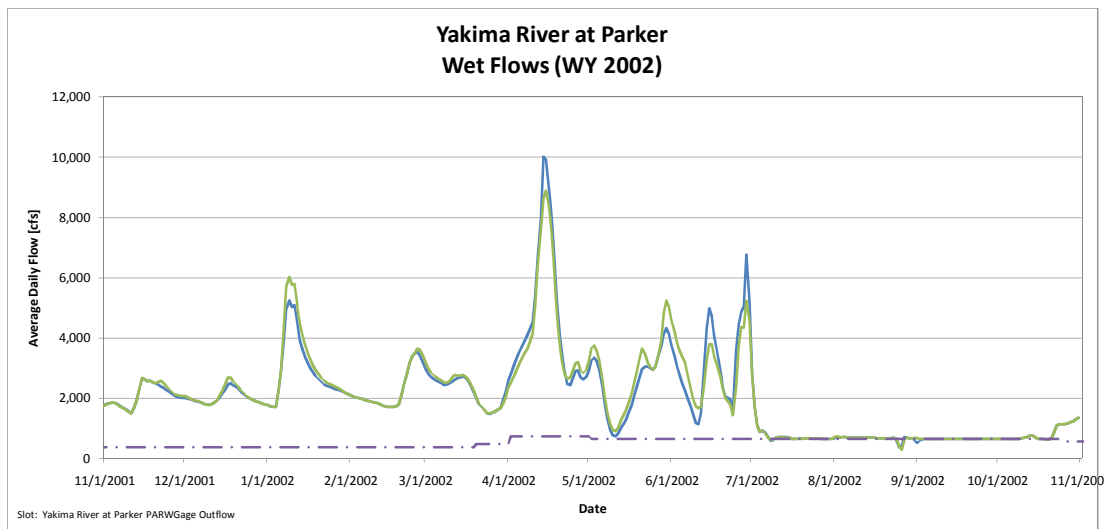
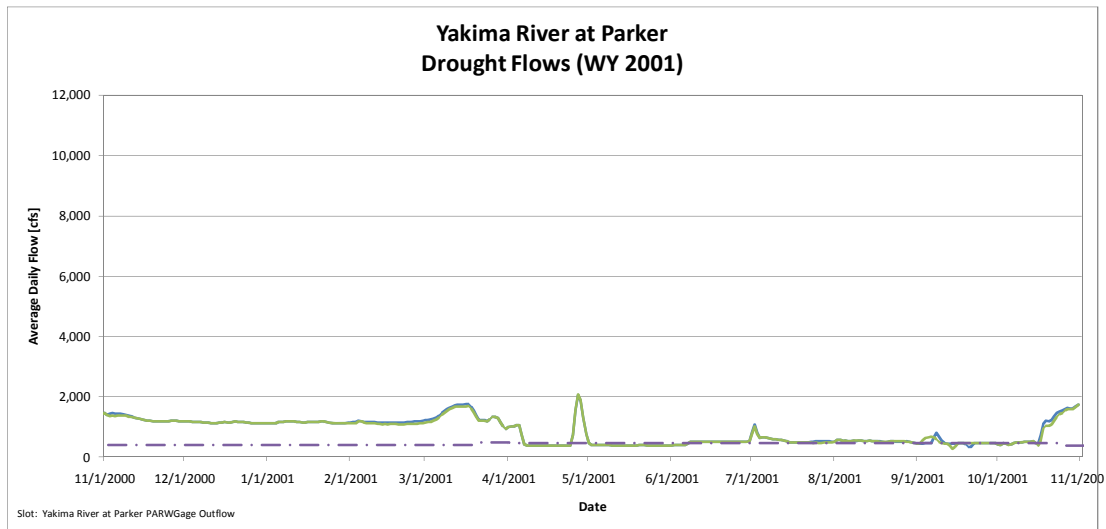
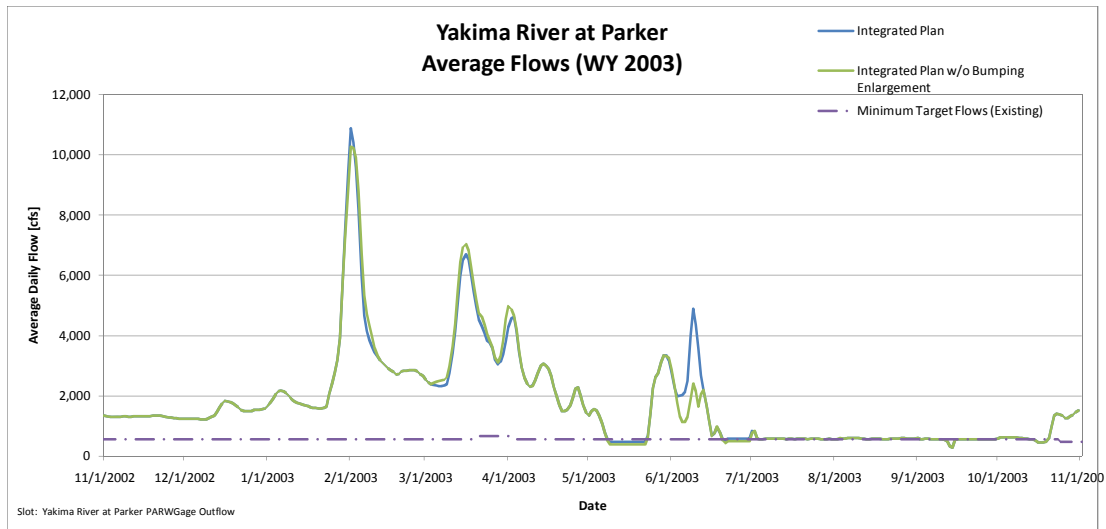




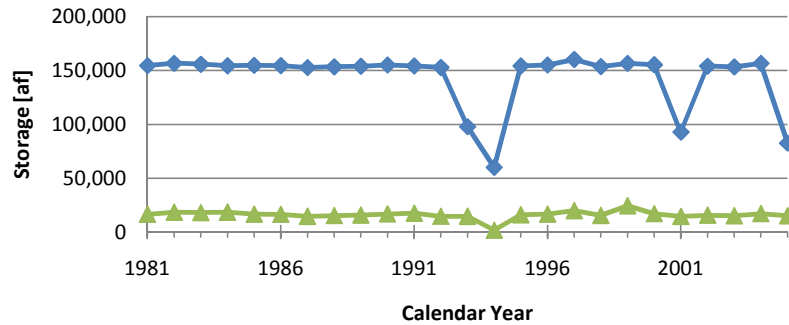






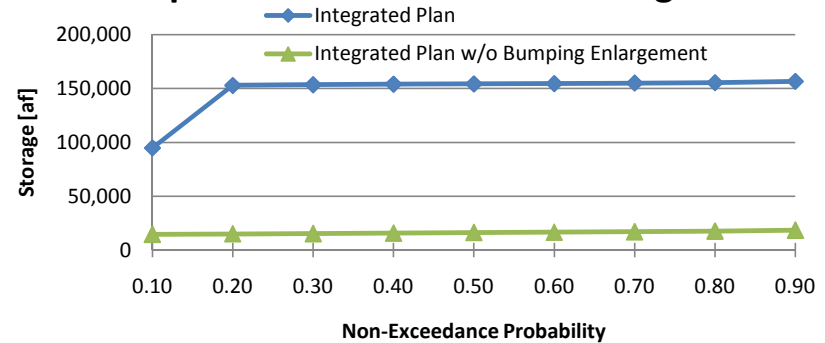


Bumping Reservoir September End of Month Storage



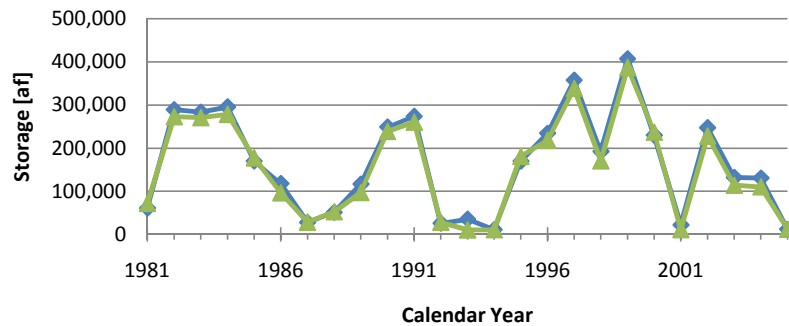
Slot: BumpingReservoirStorage

Bumping Reservoir September End of Month Storage



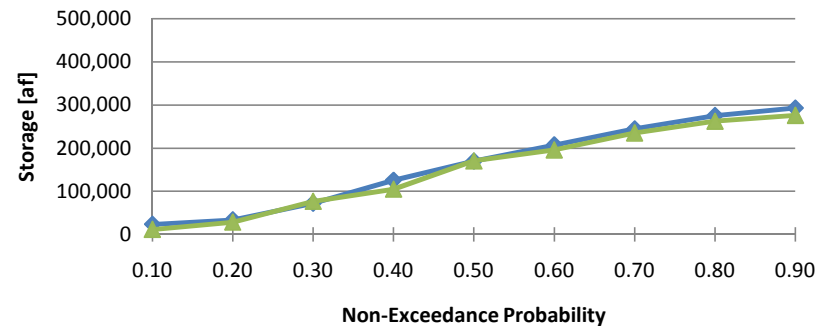
Slot: BumpingReservoirStorage

Cle Elum Reservoir September End of Month Storage



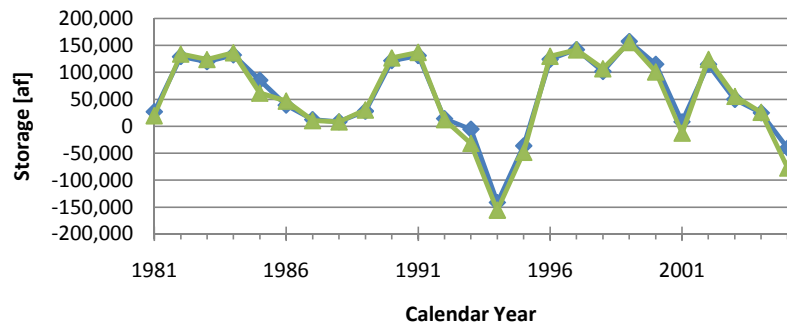
Slot: CleElumReservoirStorage

Cle Elum Reservoir September End of Month Storage



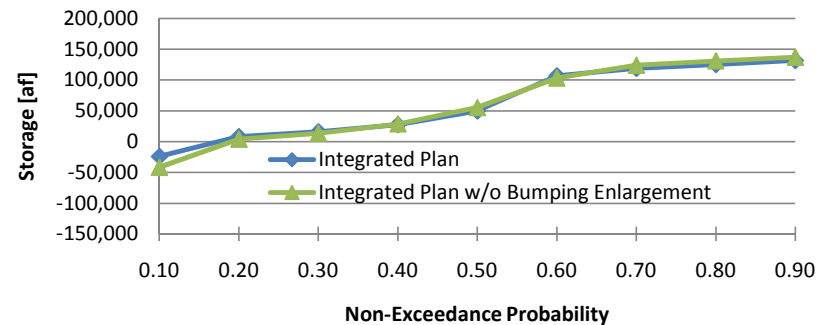
Slot: CleElumReservoirStorage

Kachess Reservoir September End of Month Storage



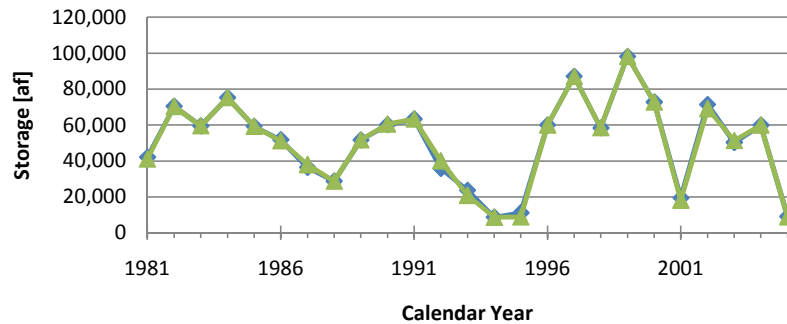
Slot: KachessReservoirStorage - Dead Storage

Kachess Reservoir September End of Month Storage



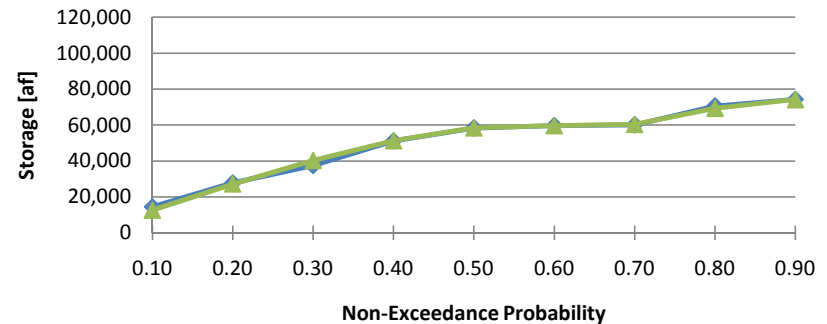
Slot: KachessReservoirStorage - Dead Storage

Keechelus Reservoir September End of Month Storage



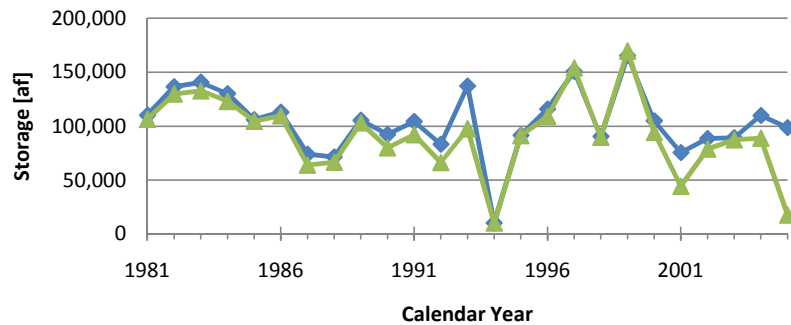
Slot: KeechelusReservoirStorage

Keechelus Reservoir September End of Month Storage

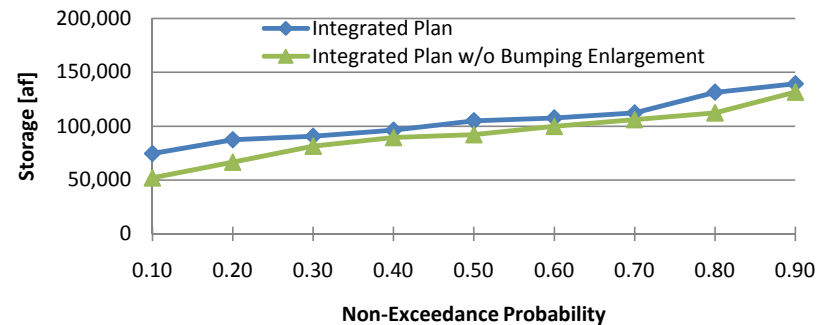


Slot: KeechelusReservoirStorage

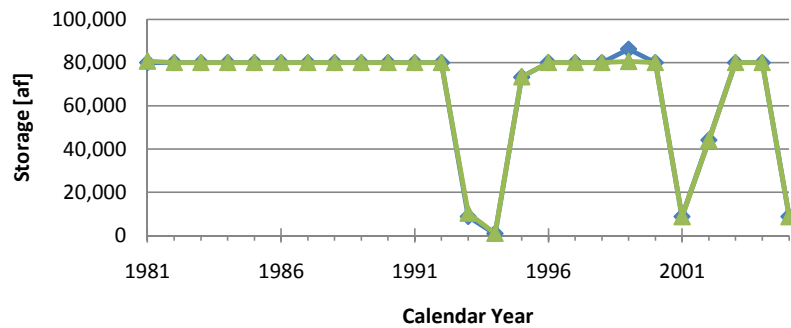
Rimrock Reservoir September End of Month Storage



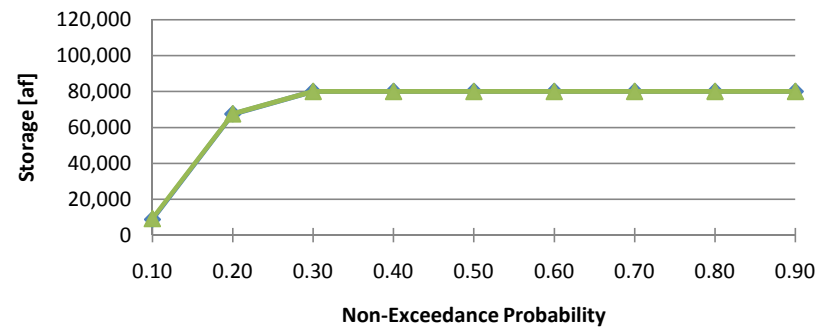
Rimrock Reservoir September End of Month Storage

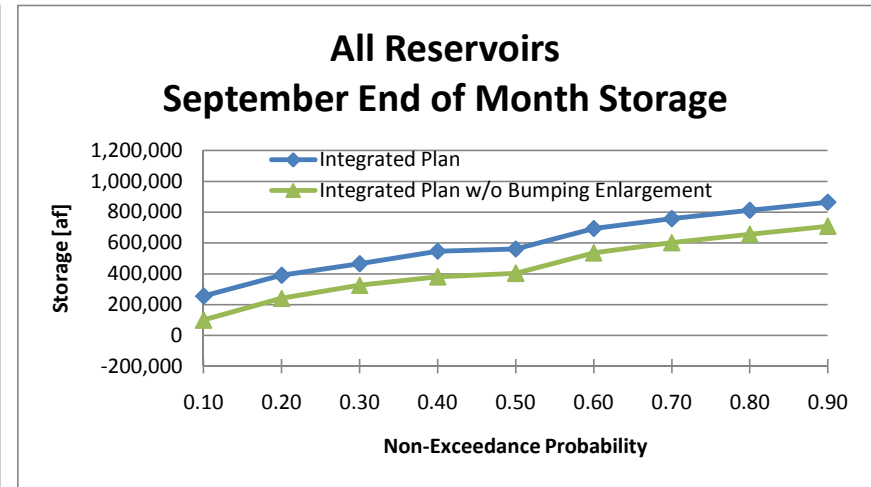
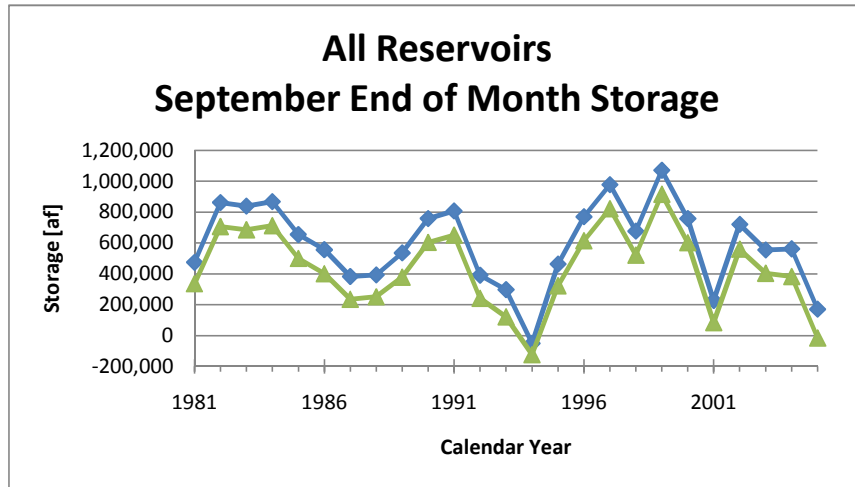


Wymer Reservoir September End of Month Storage

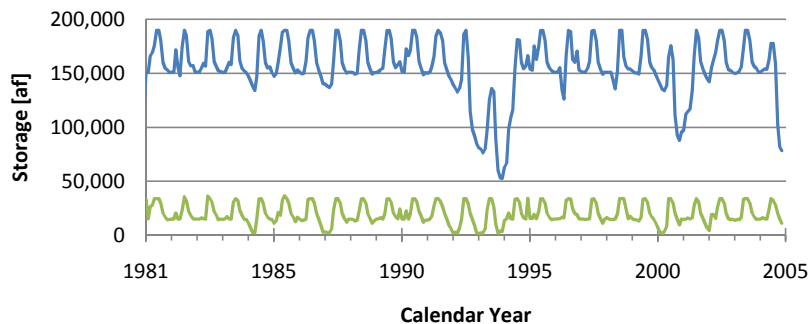


Wymer Reservoir September End of Month Storage



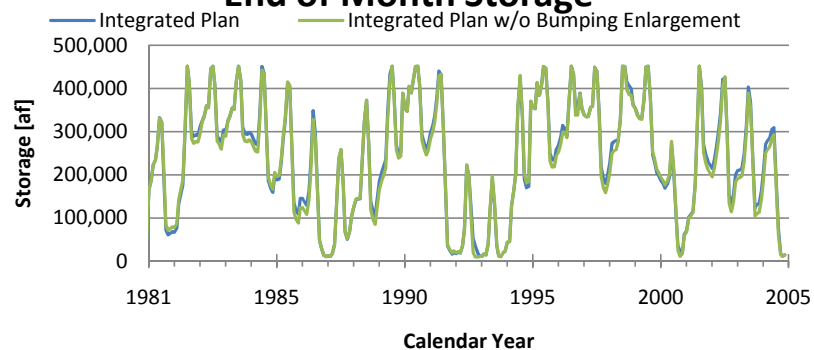


Bumping Reservoir End of Month Storage



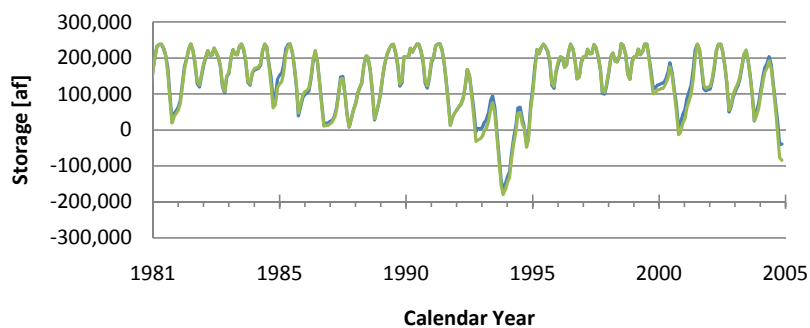
Slot: BumpingReservoirStorage

Cle Elum Reservoir End of Month Storage



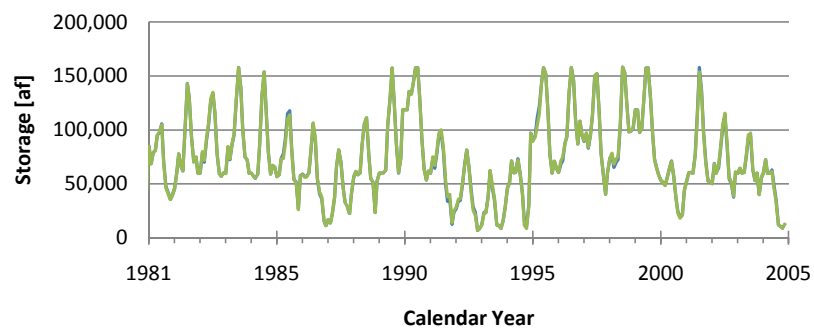
Slot: CleElumReservoirStorage

Kachess Reservoir End of Month Storage



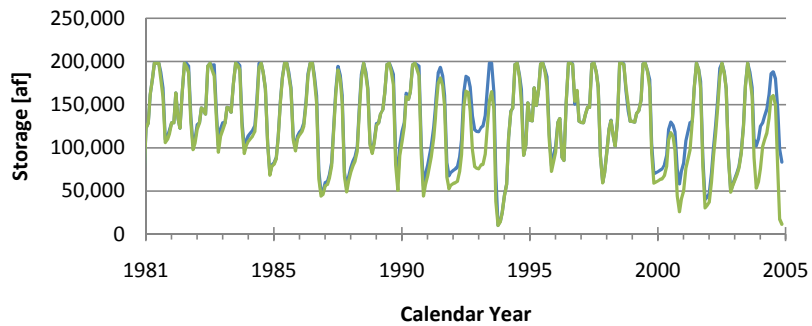
Slot: KachessReservoirStorage - Dead Storage

Keechelus Reservoir End of Month Storage

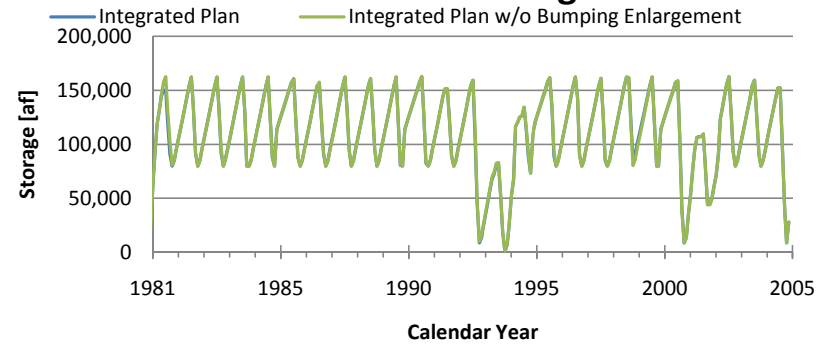


Slot: KeechelusReservoirStorage

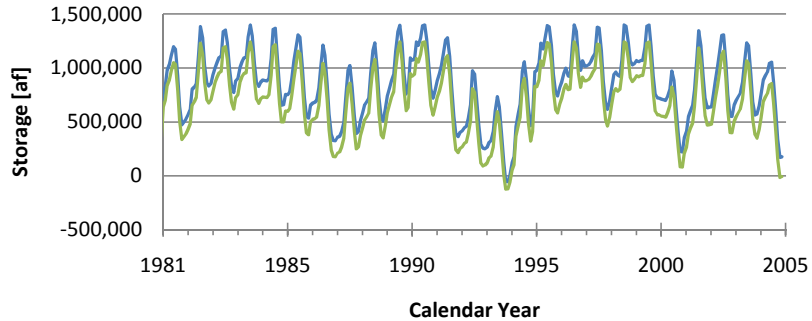
Rimrock Reservoir End of Month Storage



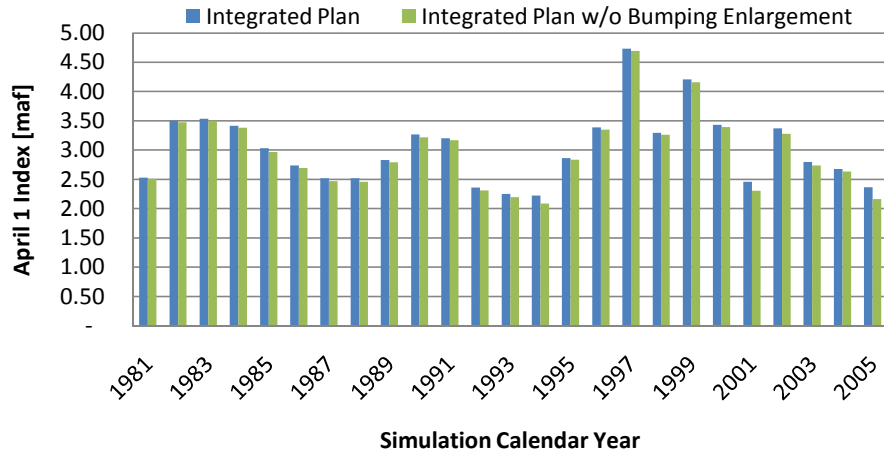
Wymer Reservoir End of Month Storage



All Reservoirs End of Month Storage

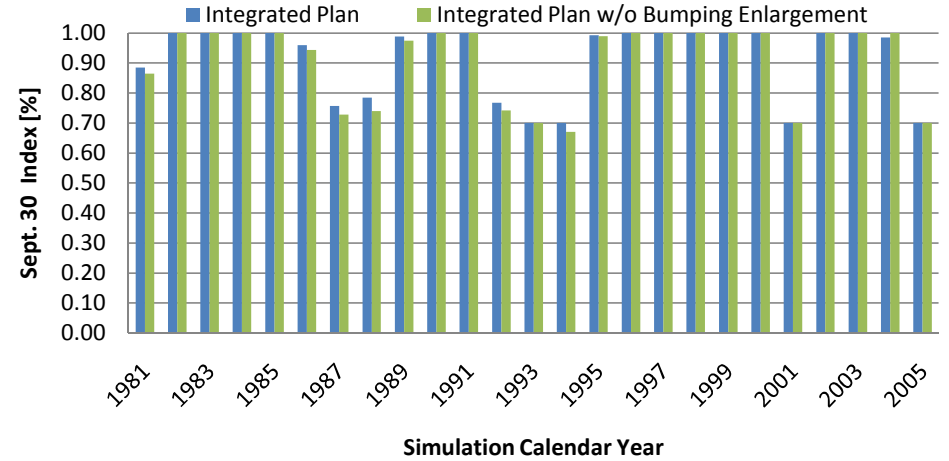


Water Supply Index: TWSA



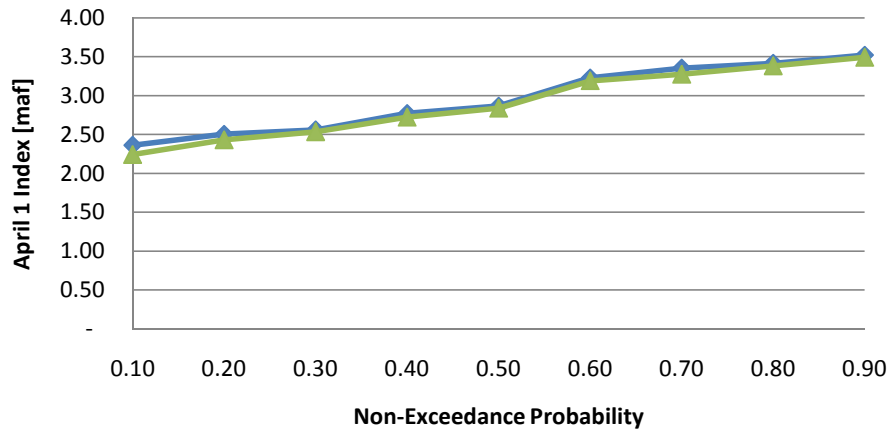
Slot: TWSA PARW_DataDaily TWSA

Water Supply Index: Proration



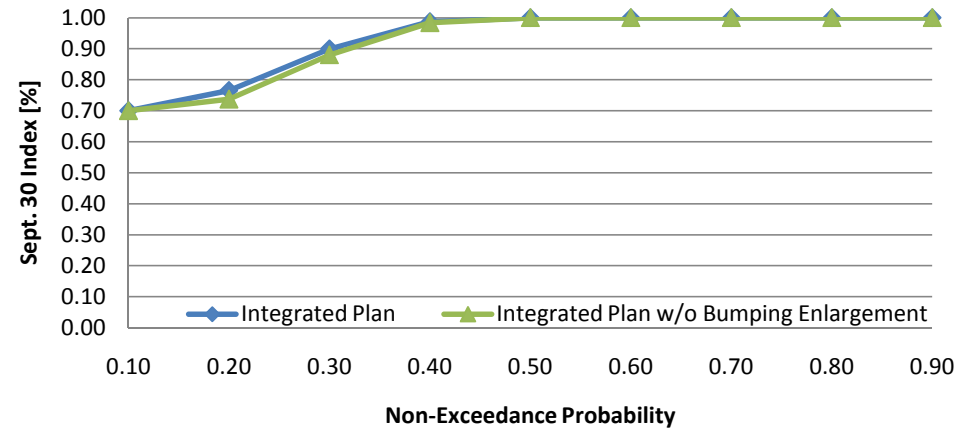
Slot: TWSA PARW_DataDaily Proration Level

Water Supply Index: TWSA



Slot: TWSA PARW_DataDaily TWSA

Water Supply Index: Proration



Slot: TWSA PARW_DataDaily Proration Level

