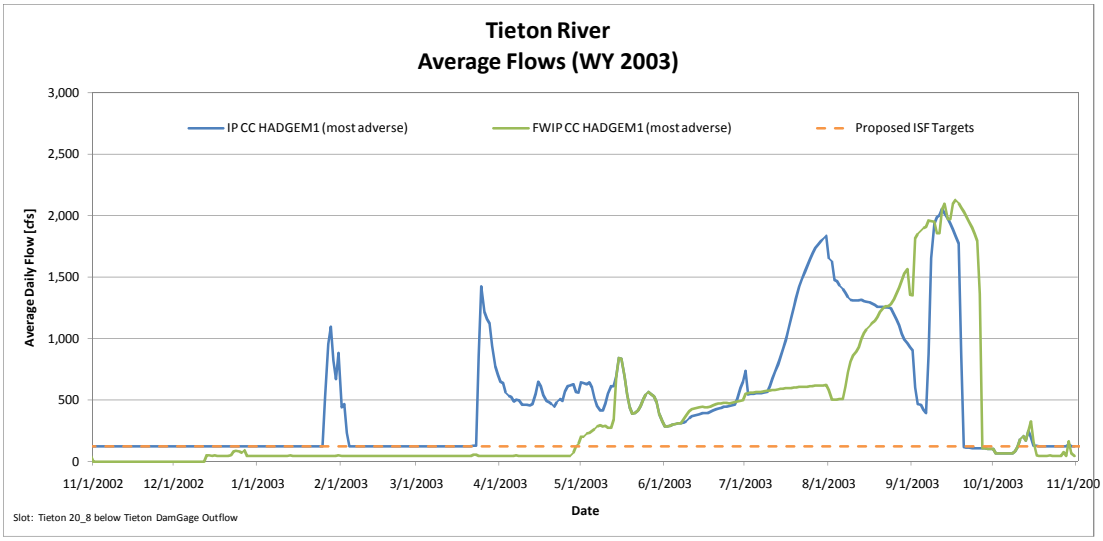
Resource indicator (measurement)	IP CC HADGEM1 (most adverse)	FWIP CC HADGEM1 (most adverse)
WATER RESOURCES		
Average for water years 1981–2005 (maf)		
Water supply		
April 1 total water supply available (TWSA)	2.00	1.84
Water distribution		
April–September Parker flow volume	0.30	0.33
April–September diversion	1.44	1.33
September 30 reservoir contents	-0.03	0.05
April–September flow volume at mouth of Yakima River	0.63	0.52
1994 dry-year (maf)		
Water supply		
April 1 TWSA	1.43	1.31
Water distribution		
April–September Parker flow volume	0.20	0.22
April–September diversion	1.10	1.04
September 30 reservoir contents	-0.14	0.04
April–September flow volume at mouth of Yakima River	0.44	0.33
Irrigation proration level	15%	5%

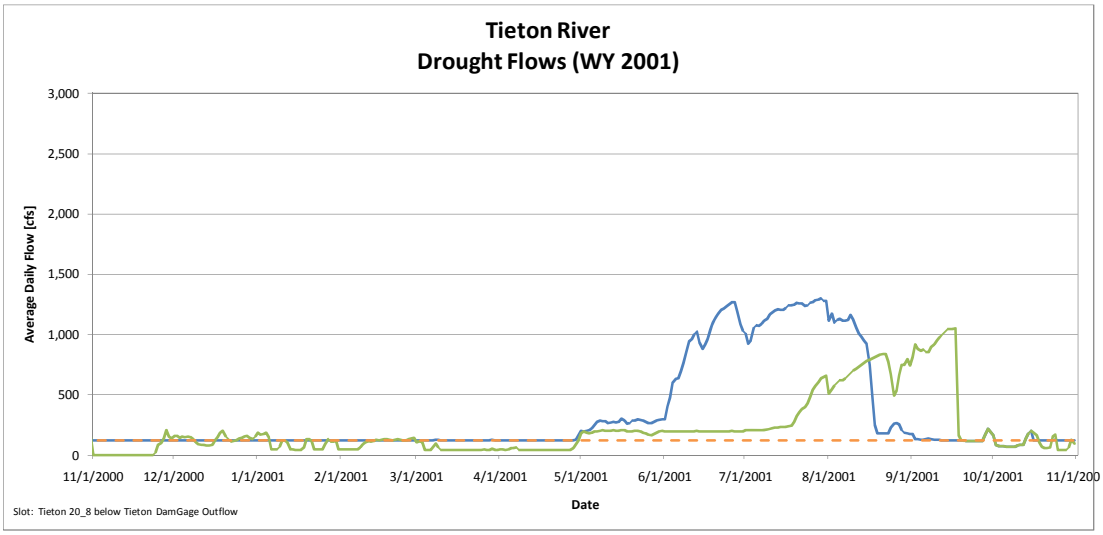
Resource indicator (measurement)	IP CC HADGEM1 (most adverse)	FWIP CC HADGEM1 (most adverse)
ANADROMOUS FISH		
Rate of change in flow during flip-flop (average cfs/day August 16–September 14)		
Easton reach	-11	-23
Ellensburg reach	-22	-67
Lower Naches River reach	-1	26
Pre- (August 1-15) and post- (September 14-28) flip-flop flow and absolute change in flow		
Easton reach		
Pre-flip-flop flow (cfs)	567	886
Post-flip-flop flow (cfs)	235	213
Absolute change in flow (cfs)	-332	-674
Ellensburg reach		
Pre-flip-flop flow (cfs)	1,547	2,611
Post-flip-flop flow (cfs)	918	675
Absolute change in flow (cfs)	-629	-1,936
Lower Naches River reach		
Pre-flip-flop flow (cfs)	1,260	695
Post-flip-flop flow (cfs)	1,238	1,447
Absolute change in flow (cfs)	-22	752

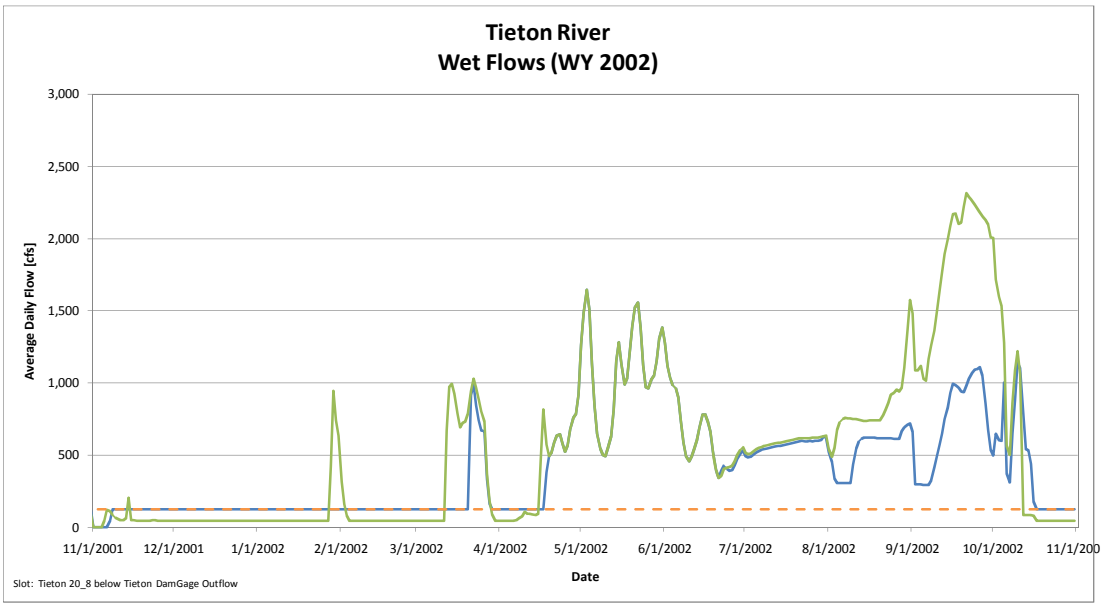
Average, minimum, and maximum reservoir elevation (feet) during bull trout spawning migration: July 15–September 15 (feet)		
Kachess Lake	2155.22 2111.62-2240.17	2216.04 2194.14-2250.52
Keechelus Lake	2433.28 2426.95-2475.31	2441.82 2430.14-2488.1
Rimrock Lake	2882.15 2800.9-2925.22	2891.45 2810.34-2924.51

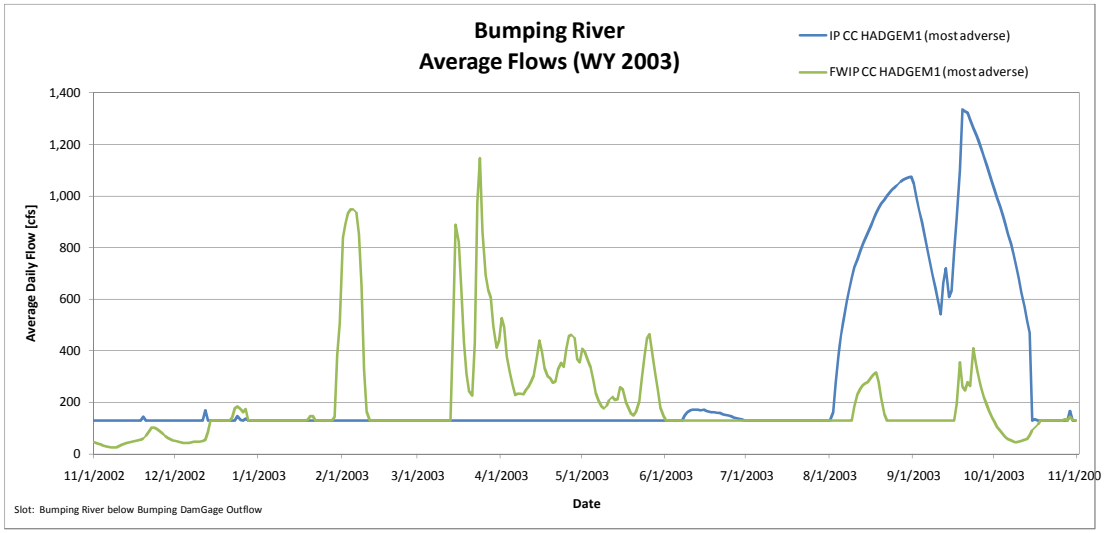
Hydrologic Indicator	IP CC HADGEM1 (most adverse)					FWIP CC HADGEM1 (most adverse)				
	Average 1981-2005	Drought Year 1994	Drought Year 2001	Drought Year 2005	Wet Year 1997	Average 1981-2005	Drought Year 1994	Drought Year 2001	Drought Year 2005	Wet Year 1997
April 1 TWSA (maf)	2.00	1.43	1.31	1.58	2.94	1.84	1.31	0.86	1.48	2.93
April-September flow volume at Parker gage (kaf)	296	201	181	252	840	325	222	200	268	927
March-October flow volume at Parker gage (kaf)	637	462	304	459	1604	678	488	328	496	1699
April-September diversion volume upstream of Parker gage (maf)	1.44	1.10	1.03	1.17	1.72	1.33	1.04	0.62	1.13	1.72
September 30 non-Bumping or Wymer reservoir contents (kaf)	-95	-182	-182	-175	119	43	29	24	33	113
October 31 non-Bumping or Wymer reservoir contents (kaf)	-91	-157	-162	-169	130	55	47	44	38	132
September 30 Bumping and Wymer reservoir contents (kaf)	62	42	21	7	222	5	4	2	2	15
April-September flow volume at mouth of Yakima River (kaf)	632	445	445	594	1365	517	334	319	474	1305
Irrigation proration level (percent)[1]	53%	15%	4%	21%	85%	39%	5%	0%	16%	82%

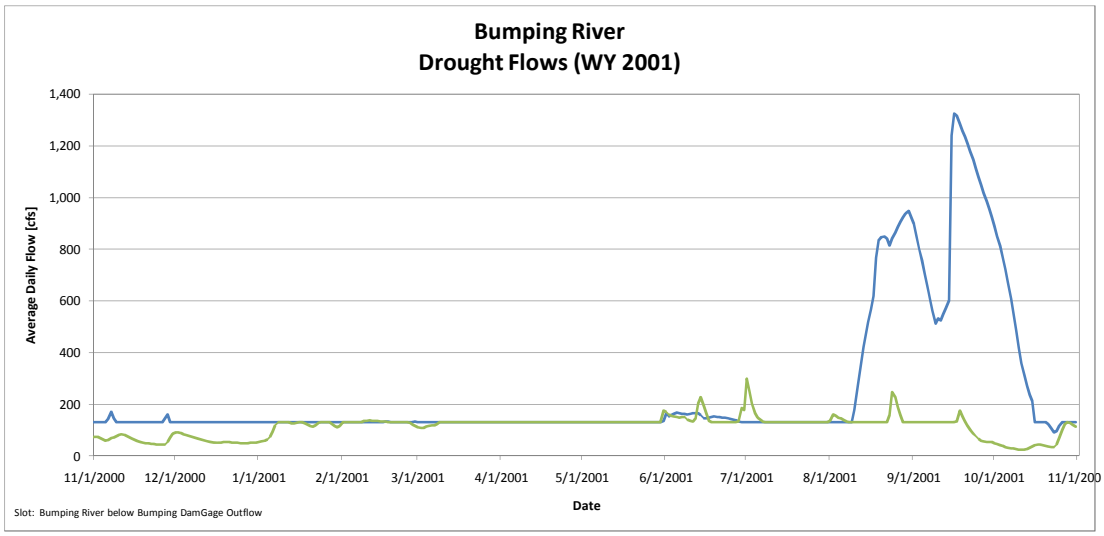
Item	FWIP CC HADGEM1 (most adverse)	IP CC HADGEM1 (most adverse)	Improvement
Average 1981-2005			
TWSA [April 1, kaf]	1844.4	2003.0	158.6
March-October flow volume at Parker gage [kaf]	677.5	637.2	-40.3
Drought Year 1994			
TWSA [April 1, kaf]	1306.2	1429.9	123.7
March-October flow volume at Parker gage [kaf]	488.0	461.8	-26.1
Drought Year 2001			
TWSA [April 1, kaf]	857.8	1311.0	453.3
March-October flow volume at Parker gage [kaf]	327.8	304.1	-23.7
Drought Year 2005			
TWSA [April 1, kaf]	1482.4	1578.2	95.7
March-October flow volume at Parker gage [kaf]	496.0	459.3	-36.6
Wet Year 1997			
TWSA [April 1, kaf]	2932.0	2935.4	3.4
March-October flow volume at Parker gage [kaf]	1698.6	1603.6	-95.0

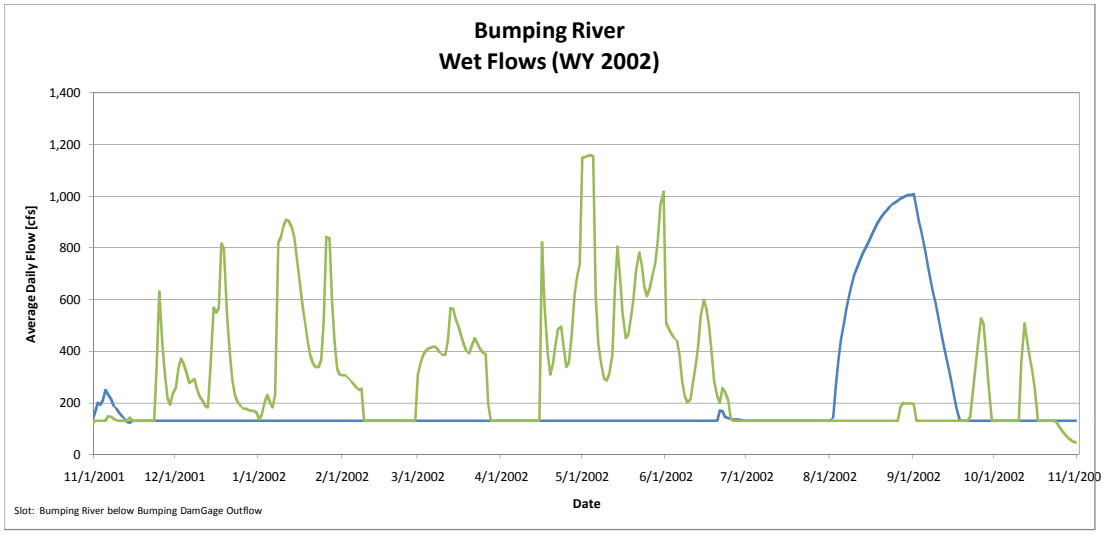

Tieton River
Average Flows (WY 2003)
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
Proposed ISF Targets
Average Daily Flow [cfs]
3,000
2,500
2,000
1,500
1,000
500
0
11/1/2002
12/1/2002
1/1/2003
2/1/2003
3/1/2003
4/1/2003
5/1/2003
6/1/2003
7/1/2003
8/1/2003
9/1/2003
10/1/2003
11/1/200
Date
Slot: Tieton 20_8 below Tieton DamGage Outflow

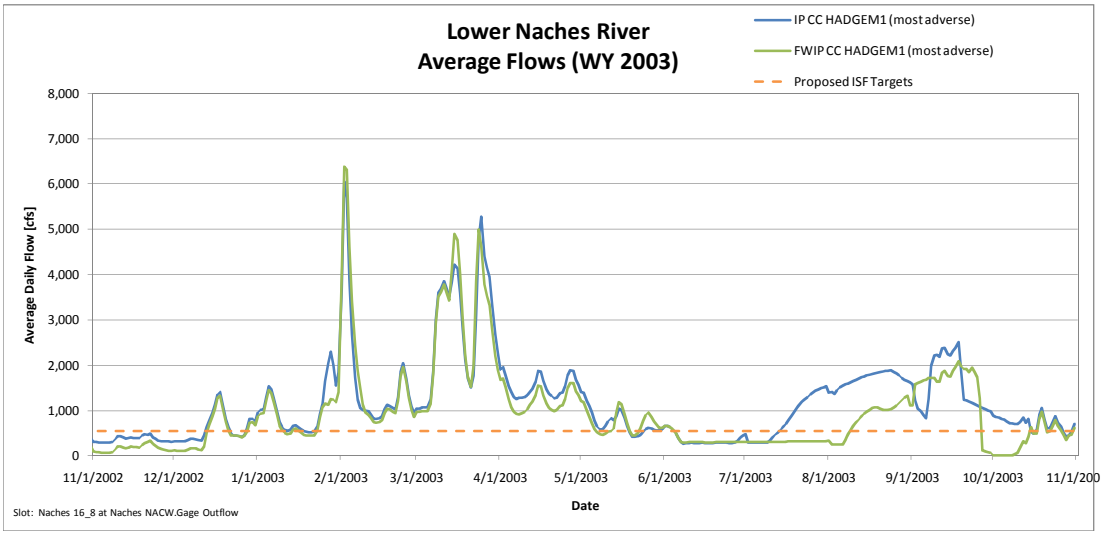

Tieton River
Drought Flows (WY 2001)
Average Daily Flow [cfs]
3,000
2,500
2,000
1,500
1,000
500
0
11/1/2000
12/1/2000
1/1/2001
2/1/2001
3/1/2001
4/1/2001
5/1/2001
6/1/2001
7/1/2001
8/1/2001
9/1/2001
10/1/2001
11/1/200
Date
Slot: Tieton 20_8 below Tieton DamGage Outflow

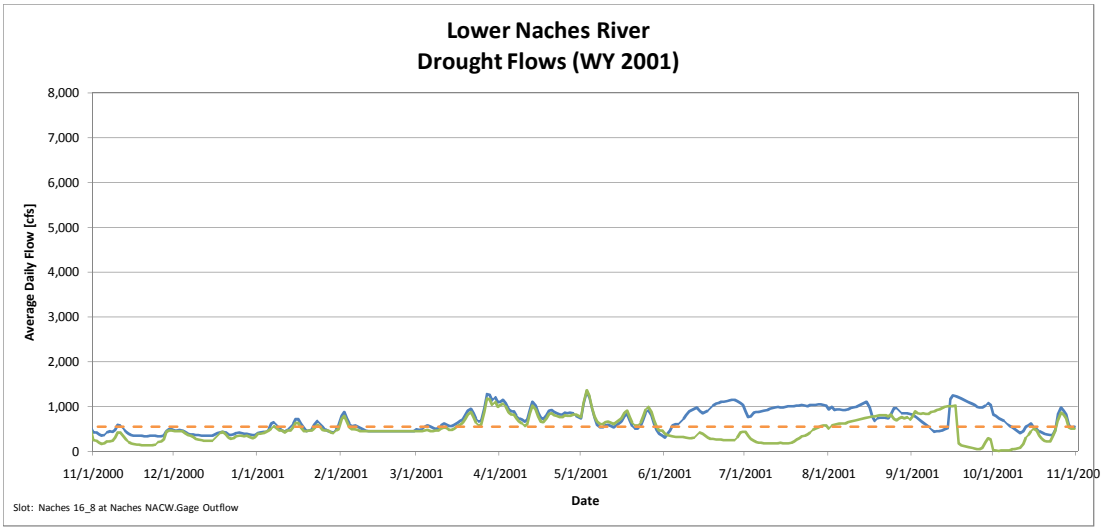

Tieton River
Wet Flows (WY 2002)
Average Daily Flow [cfs]
3,000
2,500
2,000
1,500
1,000
500
0
11/1/2001
12/1/2001
1/1/2002
2/1/2002
3/1/2002
4/1/2002
5/1/2002
6/1/2002
7/1/2002
8/1/2002
9/1/2002
10/1/2002
11/1/200
Date
Slot: Tieton 20_8 below Tieton DamGage Outflow

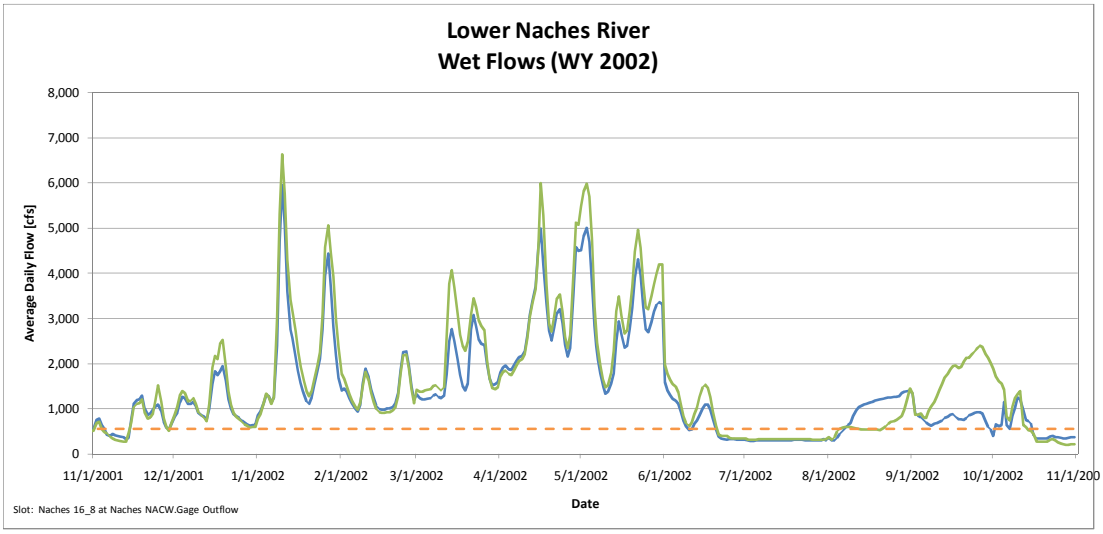

Bumping River
Average Flows (WY 2003)
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
Average Daily Flow [cfs]
1,400
1,200
1,000
800
600
400
200
0
11/1/2002
12/1/2002
1/1/2003
2/1/2003
3/1/2003
4/1/2003
5/1/2003
6/1/2003
7/1/2003
8/1/2003
9/1/2003
10/1/2003
11/1/200
Date
Slot: Bumping River below Bumping DamGage Outflow

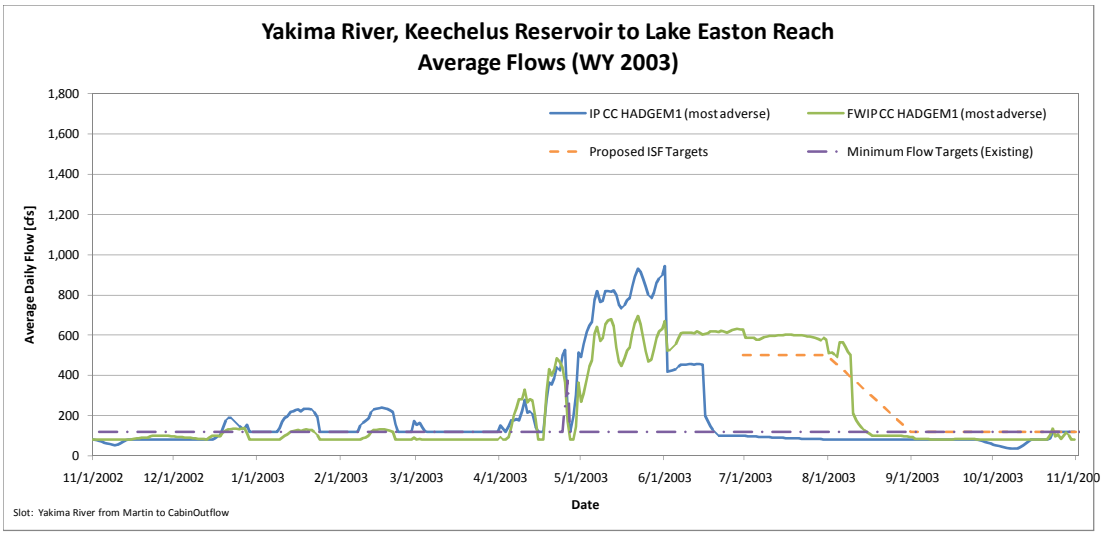

Bumping River
Drought Flows (WY 2001)
Average Daily Flow [cfs]
1,400
1,200
1,000
800
600
400
200
0
11/1/2000
12/1/2000
1/1/2001
2/1/2001
3/1/2001
4/1/2001
5/1/2001
6/1/2001
7/1/2001
8/1/2001
9/1/2001
10/1/2001
11/1/200
Date
Slot: Bumping River below Bumping DamGage Outflow

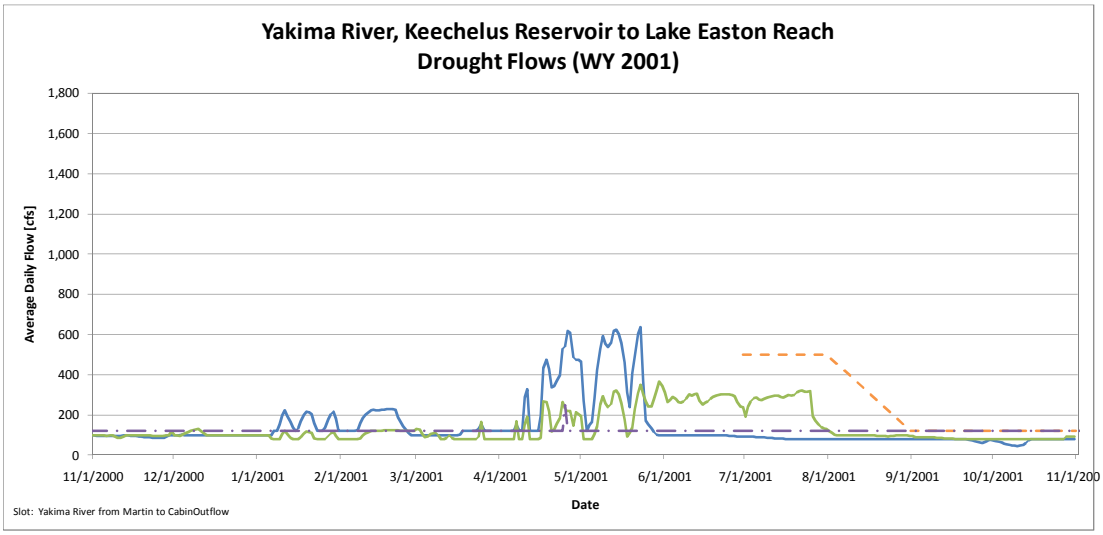

Bumping River
Wet Flows (WY 2002)
Average Daily Flow [cfs]
1,400
1,200
1,000
800
600
400
200
0
11/1/2001
12/1/2001
1/1/2002
2/1/2002
3/1/2002
4/1/2002
5/1/2002
6/1/2002
7/1/2002
8/1/2002
9/1/2002
10/1/2002
11/1/200
Date
Slot: Bumping River below Bumping DamGage Outflow

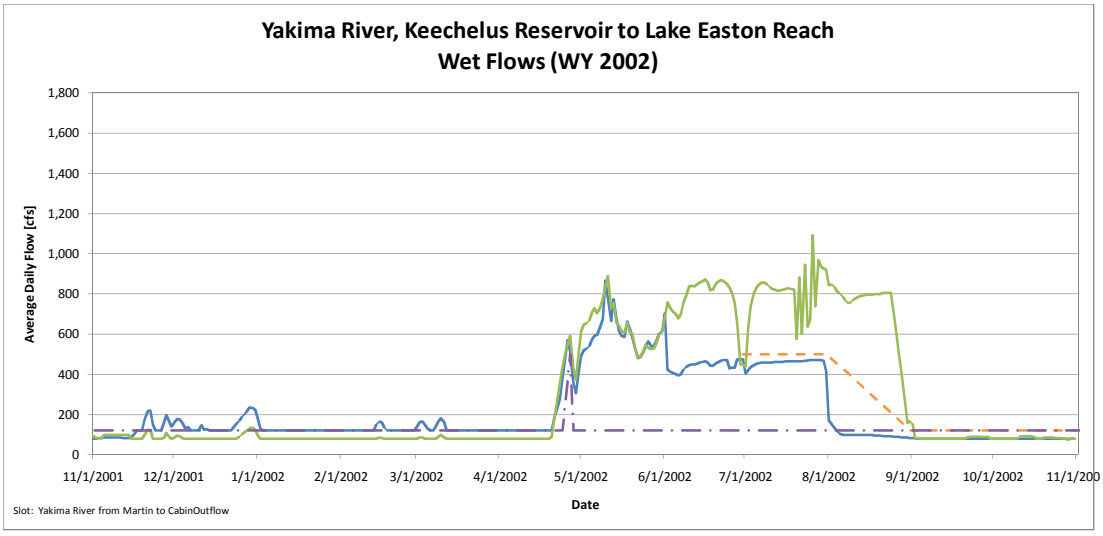

Lower Naches River
Average Flows (WY 2003)
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
Proposed ISF Targets
Average Daily Flow [cfs]
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
11/1/2002
12/1/2002
1/1/2003
2/1/2003
3/1/2003
4/1/2003
5/1/2003
6/1/2003
7/1/2003
8/1/2003
9/1/2003
10/1/2003
11/1/200
Date
Slot: Naches 16_8 at Naches NACW.Gage Outflow

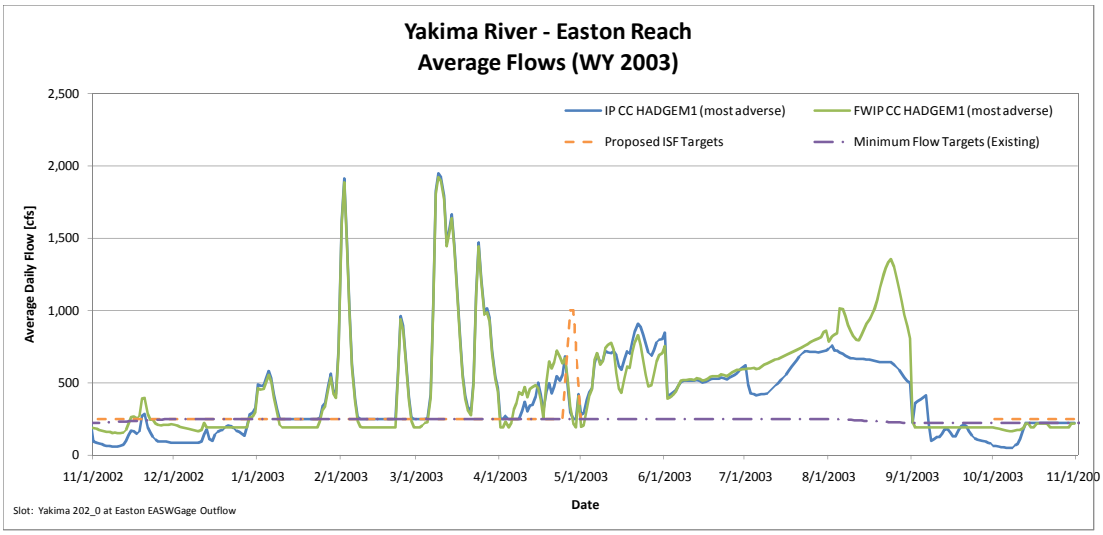

Lower Naches River
Drought Flows (WY 2001)
Average Daily Flow [cfs]
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
11/1/2000
12/1/2000
1/1/2001
2/1/2001
3/1/2001
4/1/2001
5/1/2001
6/1/2001
7/1/2001
8/1/2001
9/1/2001
10/1/2001
11/1/200
Date
Slot: Naches 16_8 at Naches NACW.Gage Outflow

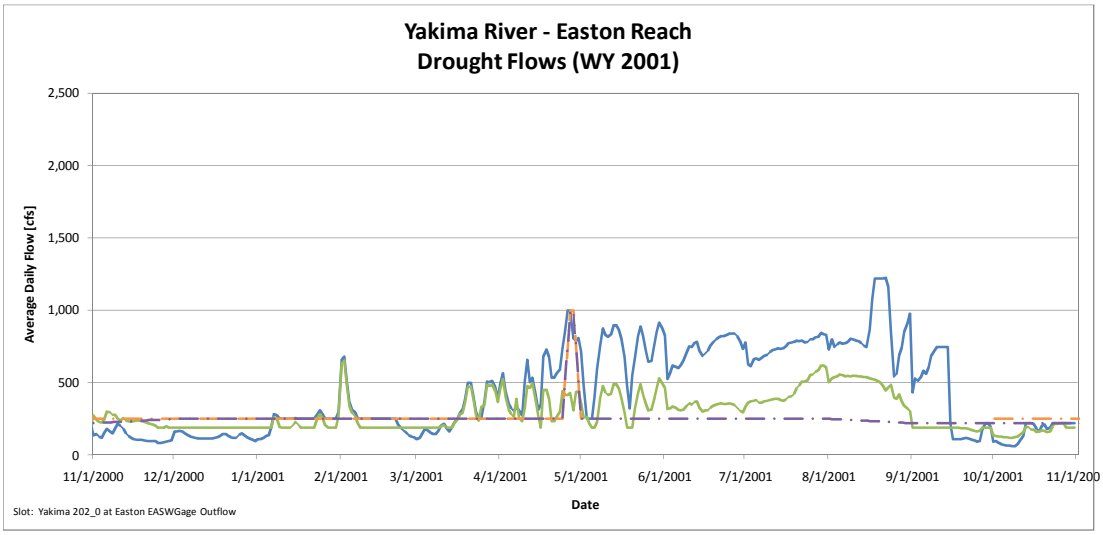

Lower Naches River
Wet Flows (WY 2002)
Average Daily Flow [cfs]
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
11/1/2001
12/1/2001
1/1/2002
2/1/2002
3/1/2002
4/1/2002
5/1/2002
6/1/2002
7/1/2002
8/1/2002
9/1/2002
10/1/2002
11/1/200
Date
Slot: Naches 16_8 at Naches NACW.Gage Outflow

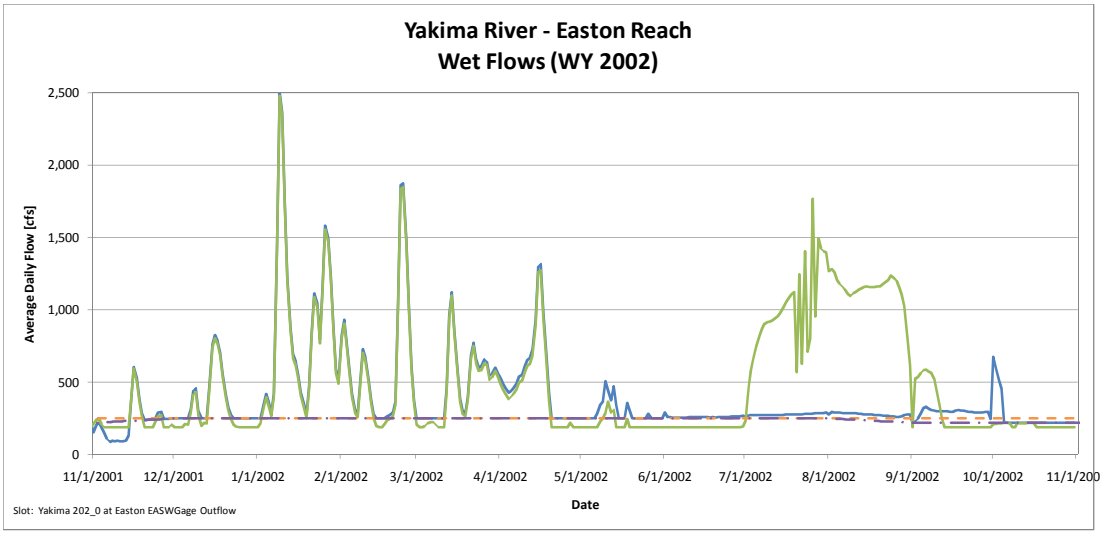

Yakima River, Keechelus Reservoir to Lake Easton Reach
Average Flows (WY 2003)
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
Proposed ISF Targets
Minimum Flow Targets (Existing)
Average Daily Flow [cfs]
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
11/1/2002
12/1/2002
1/1/2003
2/1/2003
3/1/2003
4/1/2003
5/1/2003
6/1/2003
7/1/2003
8/1/2003
9/1/2003
10/1/2003
11/1/200
Date
Slot: Yakima River from Martin to CabinOutflow

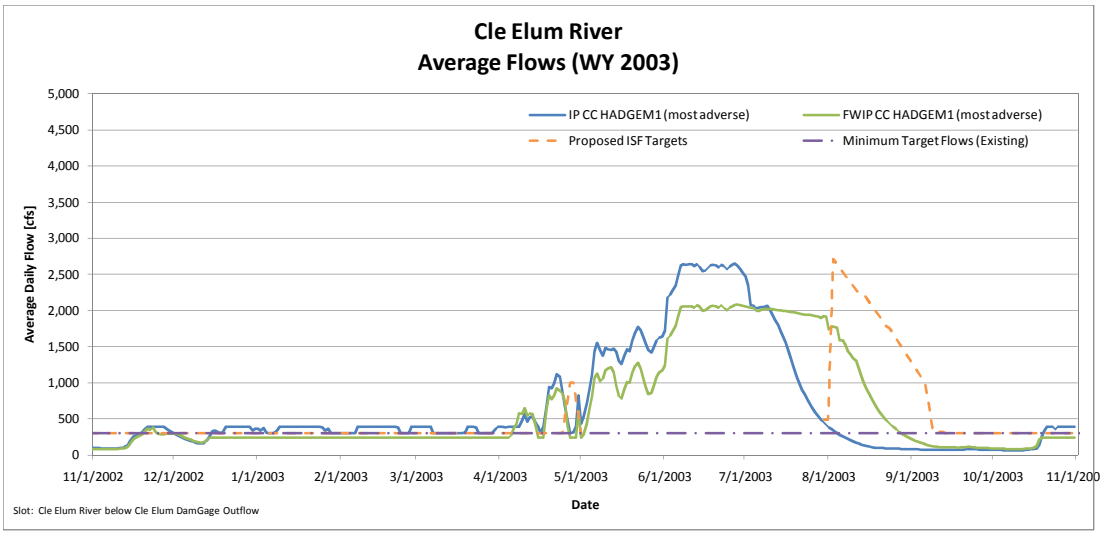

Yakima River, Keechelus Reservoir to Lake Easton Reach
Drought Flows (WY 2001)
Average Daily Flow [cfs]
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
11/1/2000
12/1/2000
1/1/2001
2/1/2001
3/1/2001
4/1/2001
5/1/2001
6/1/2001
7/1/2001
8/1/2001
9/1/2001
10/1/2001
11/1/200
Date
Slot: Yakima River from Martin to CabinOutflow

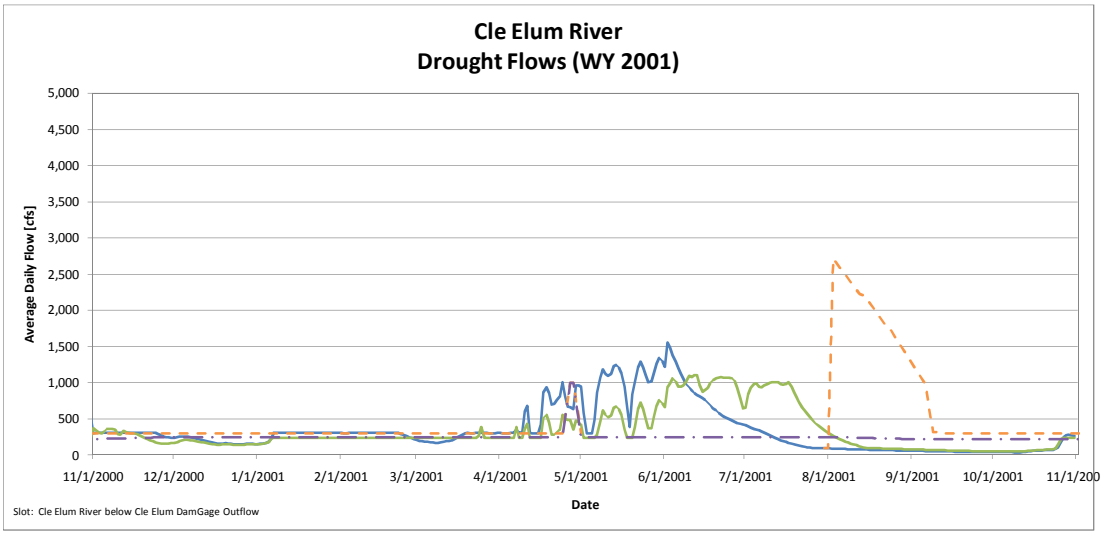

Yakima River, Keechelus Reservoir to Lake Easton Reach
Wet Flows (WY 2002)
Average Daily Flow [cfs]
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
11/1/2001
12/1/2001
1/1/2002
2/1/2002
3/1/2002
4/1/2002
5/1/2002
6/1/2002
7/1/2002
8/1/2002
9/1/2002
10/1/2002
11/1/200
Date
Slot: Yakima River from Martin to CabinOutflow

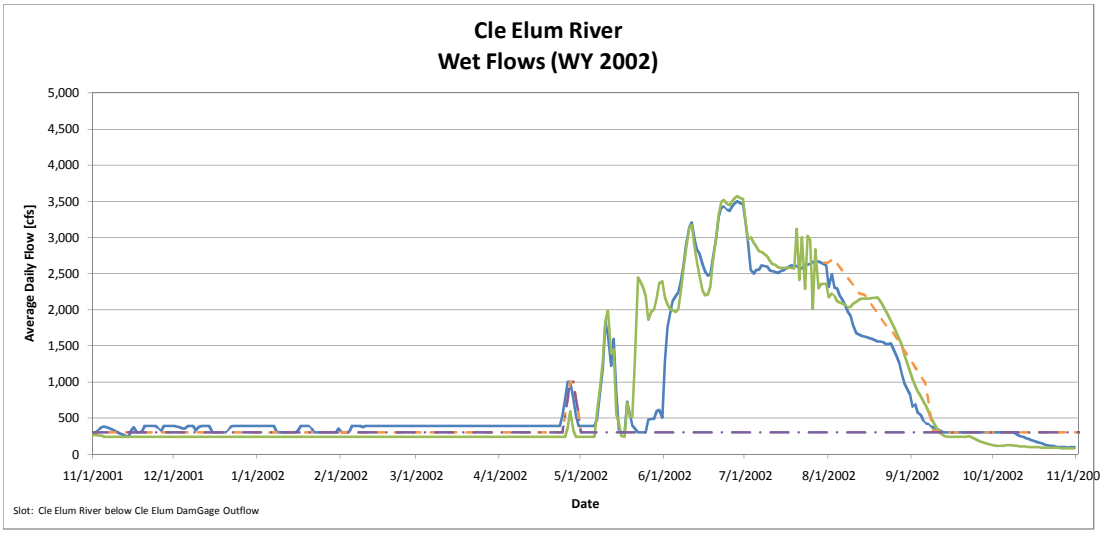

Yakima River - Easton Reach
Average Flows (WY 2003)
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
Proposed ISF Targets
Minimum Flow Targets (Existing)
Average Daily Flow [cfs]
2,500
2,000
1,500
1,000
500
0
11/1/2002
12/1/2002
1/1/2003
2/1/2003
3/1/2003
4/1/2003
5/1/2003
6/1/2003
7/1/2003
8/1/2003
9/1/2003
10/1/2003
11/1/200
Date
Slot: Yakima 202_0 at Easton EASWGage Outflow

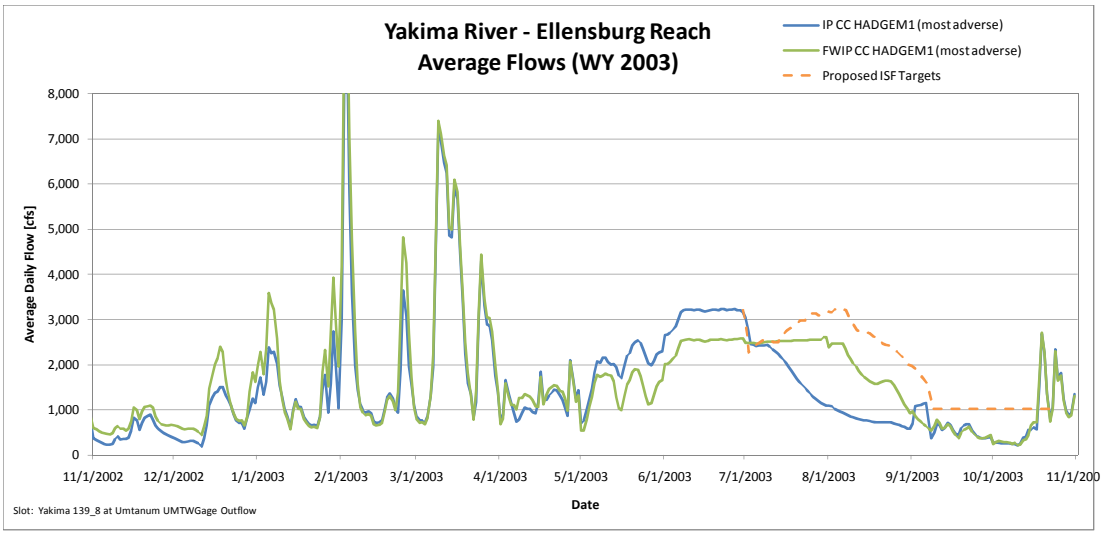

Yakima River - Easton Reach
Drought Flows (WY 2001)
Average Daily Flow [cfs]
2,500
2,000
1,500
1,000
500
0
11/1/2000
12/1/2000
1/1/2001
2/1/2001
3/1/2001
4/1/2001
5/1/2001
6/1/2001
7/1/2001
8/1/2001
9/1/2001
10/1/2001
11/1/200
Date
Slot: Yakima 202_0 at Easton EASWGage Outflow

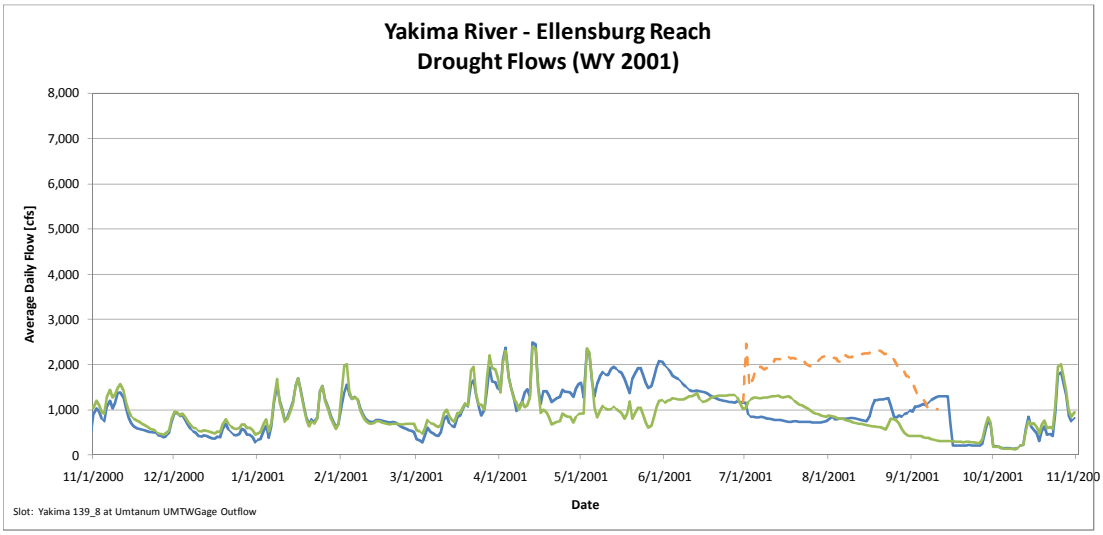

Yakima River - Easton Reach
Wet Flows (WY 2002)
Average Daily Flow [cfs]
2,500
2,000
1,500
1,000
500
0
11/1/2001
12/1/2001
1/1/2002
2/1/2002
3/1/2002
4/1/2002
5/1/2002
6/1/2002
7/1/2002
8/1/2002
9/1/2002
10/1/2002
11/1/200
Date
Slot: Yakima 202_0 at Easton EASWGage Outflow

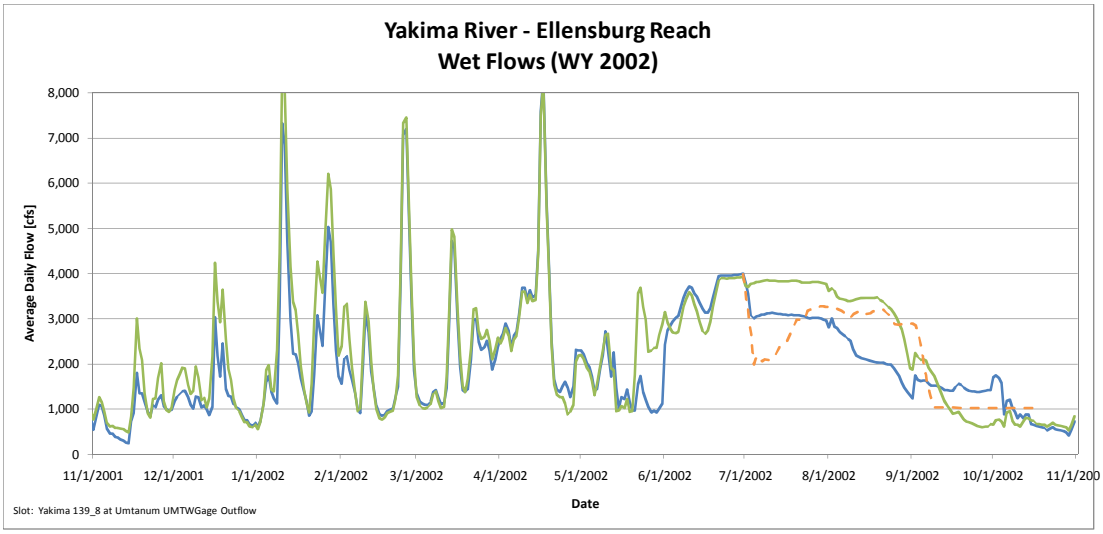

Cle Elum River
Average Flows (WY 2003)
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
Proposed ISF Targets
Minimum Target Flows (Existing)
Average Daily Flow [cfs]
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
11/1/2002
12/1/2002
1/1/2003
2/1/2003
3/1/2003
4/1/2003
5/1/2003
6/1/2003
7/1/2003
8/1/2003
9/1/2003
10/1/2003
11/1/200
Date
Slot: Cle Elum River below Cle Elum DamGage Outflow

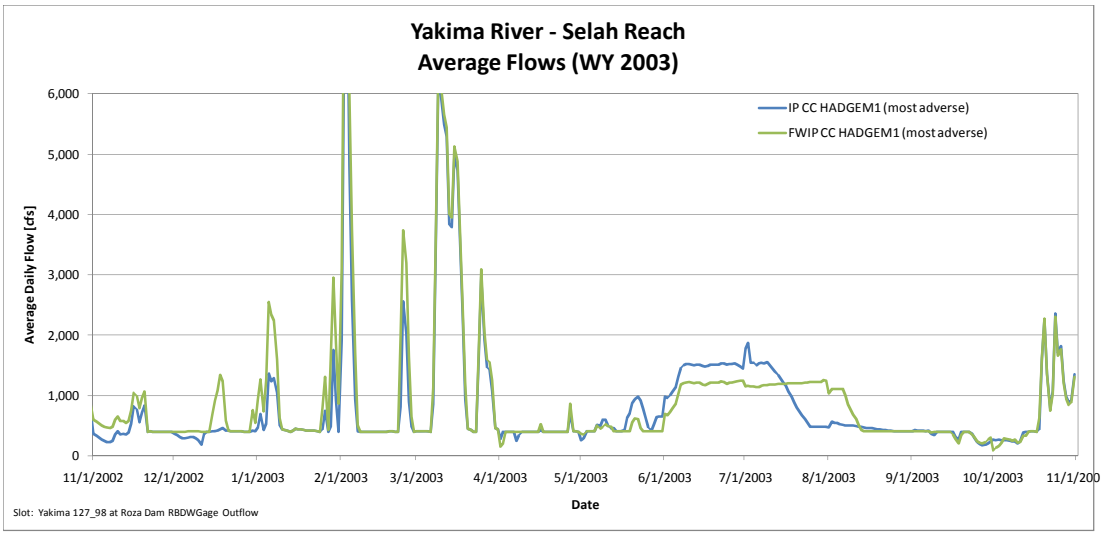

Cle Elum River
Drought Flows (WY 2001)
Average Daily Flow [cfs]
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
11/1/2000
12/1/2000
1/1/2001
2/1/2001
3/1/2001
4/1/2001
5/1/2001
6/1/2001
7/1/2001
8/1/2001
9/1/2001
10/1/2001
11/1/200
Date
Slot: Cle Elum River below Cle Elum DamGage Outflow

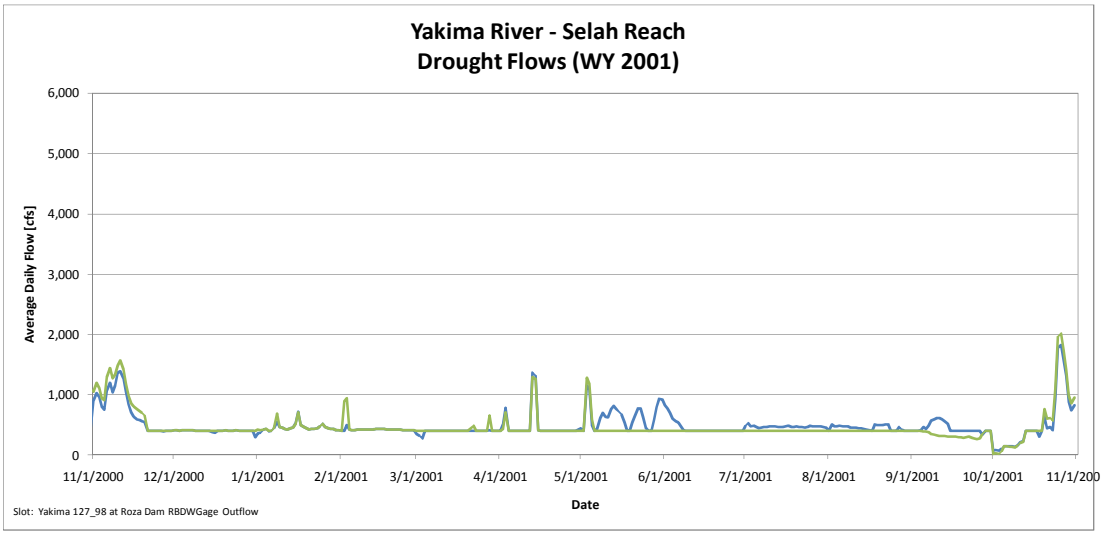

Cle Elum River
Wet Flows (WY 2002)
Average Daily Flow [cfs]
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
11/1/2001
12/1/2001
1/1/2002
2/1/2002
3/1/2002
4/1/2002
5/1/2002
6/1/2002
7/1/2002
8/1/2002
9/1/2002
10/1/2002
11/1/200
Date
Slot: Cle Elum River below Cle Elum DamGage Outflow

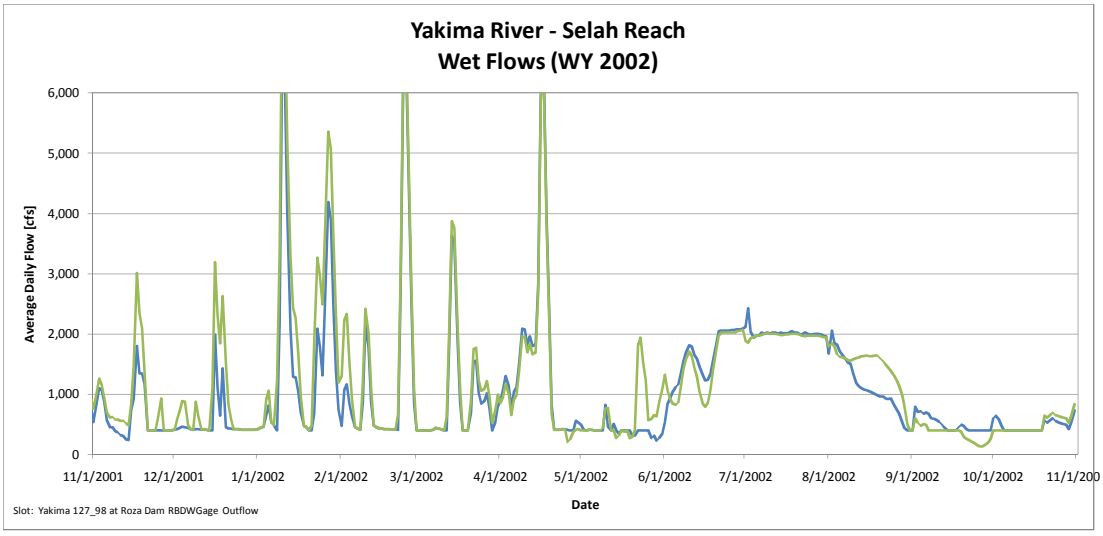

Yakima River - Ellensburg Reach
Average Flows (WY 2003)
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
Proposed ISF Targets
Average Daily Flow [cfs]
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
11/1/2002
12/1/2002
1/1/2003
2/1/2003
3/1/2003
4/1/2003
5/1/2003
6/1/2003
7/1/2003
8/1/2003
9/1/2003
10/1/2003
11/1/200
Date
Slot: Yakima 139_8 at Umtanum UMTWGage Outflow

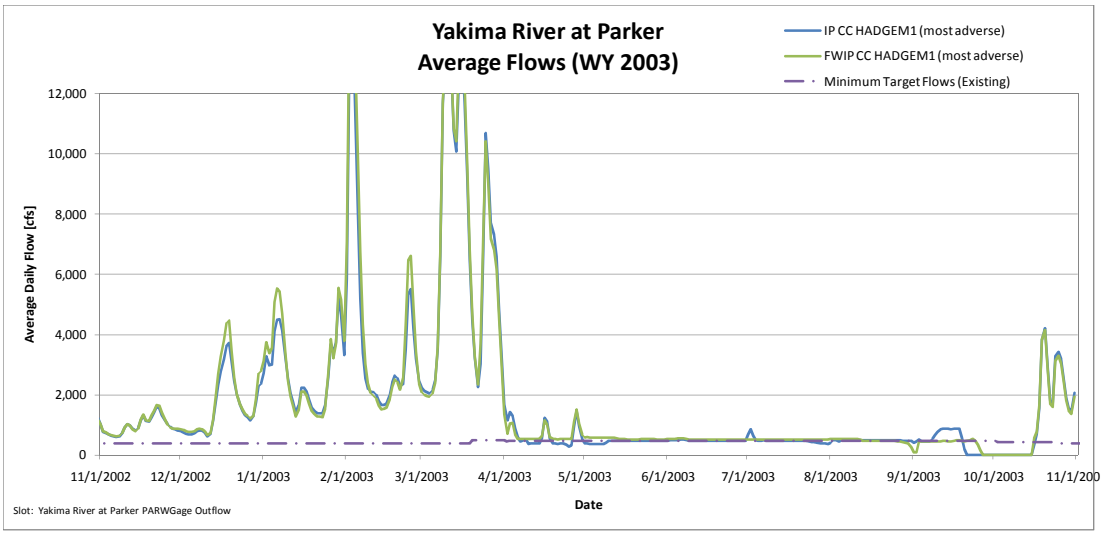

Yakima River - Ellensburg Reach
Drought Flows (WY 2001)
Average Daily Flow [cfs]
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
11/1/2000
12/1/2000
1/1/2001
2/1/2001
3/1/2001
4/1/2001
5/1/2001
6/1/2001
7/1/2001
8/1/2001
9/1/2001
10/1/2001
11/1/200
Date
Slot: Yakima 139_8 at Umtanum UMTWGage Outflow

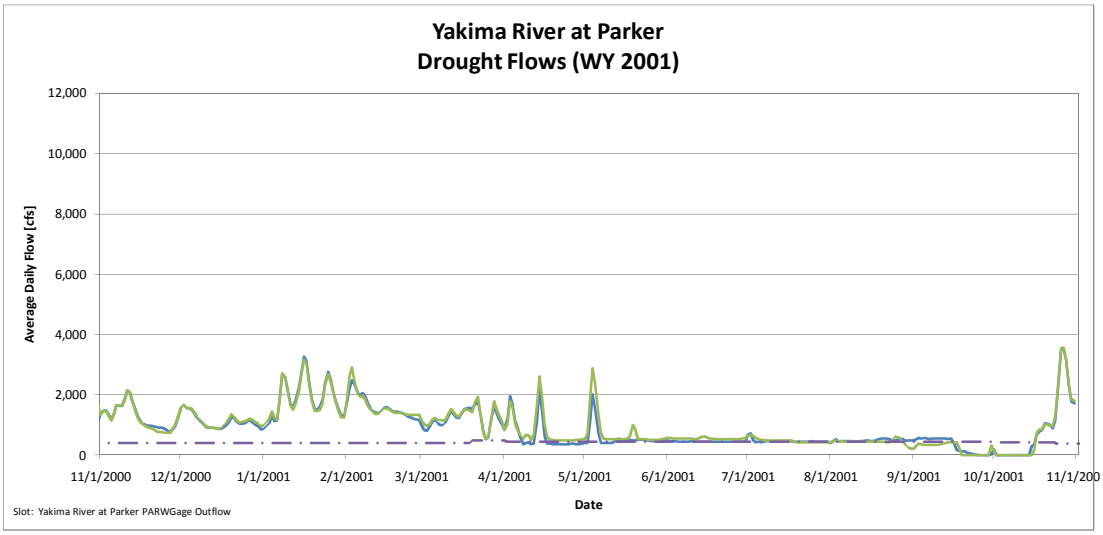

Yakima River - Ellensburg Reach
Wet Flows (WY 2002)
Average Daily Flow [cfs]
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
11/1/2001
12/1/2001
1/1/2002
2/1/2002
3/1/2002
4/1/2002
5/1/2002
6/1/2002
7/1/2002
8/1/2002
9/1/2002
10/1/2002
11/1/200
Date
Slot: Yakima 139_8 at Umtanum UMTWGage Outflow

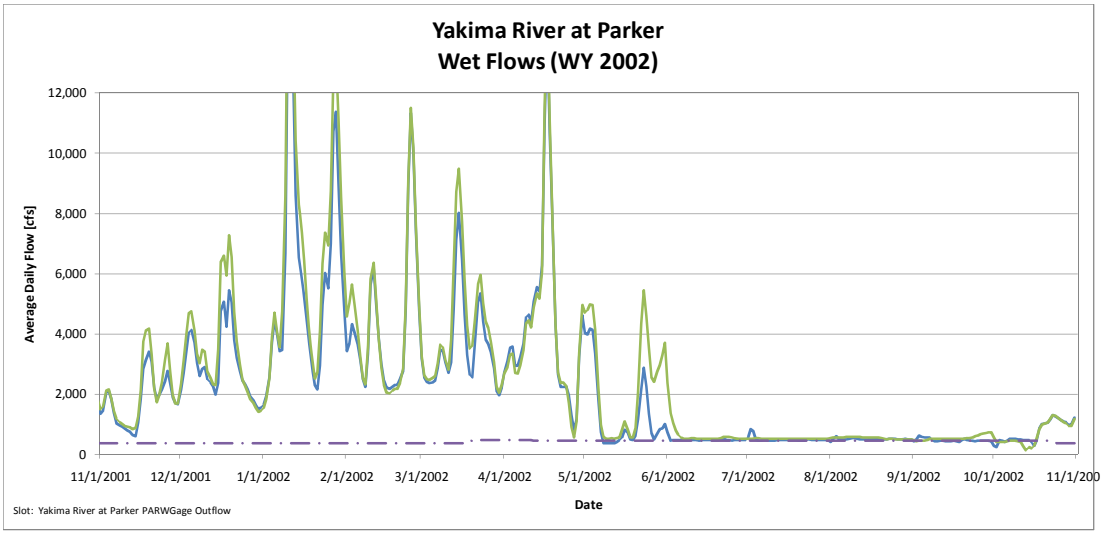

Yakima River - Selah Reach
Average Flows (WY 2003)
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
Average Daily Flow [cfs]
6,000
5,000
4,000
3,000
2,000
1,000
0
11/1/2002
12/1/2002
1/1/2003
2/1/2003
3/1/2003
4/1/2003
5/1/2003
6/1/2003
7/1/2003
8/1/2003
9/1/2003
10/1/2003
11/1/200
Date
Slot: Yakima 127_98 at Roza Dam RBDWGage Outflow

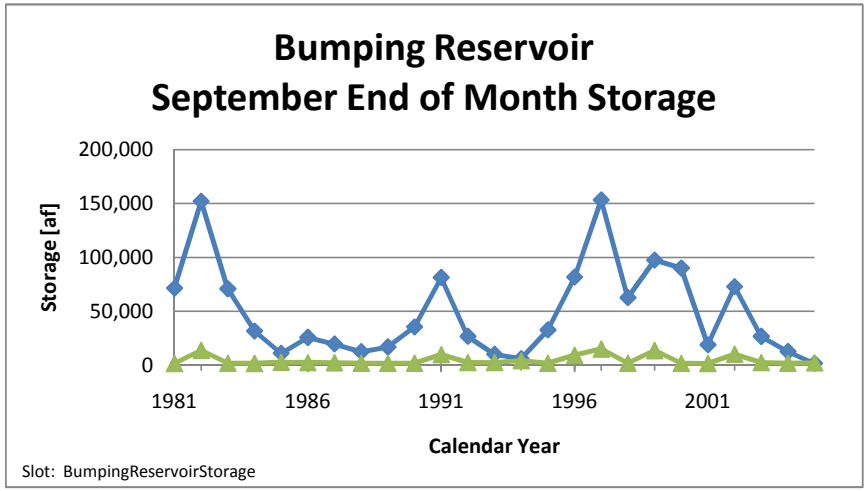

Yakima River - Selah Reach
Drought Flows (WY 2001)
Average Daily Flow [cfs]
6,000
5,000
4,000
3,000
2,000
1,000
0
11/1/2000
12/1/2000
1/1/2001
2/1/2001
3/1/2001
4/1/2001
5/1/2001
6/1/2001
7/1/2001
8/1/2001
9/1/2001
10/1/2001
11/1/200
Date
Slot: Yakima 127_98 at Roza Dam RBDWGage Outflow

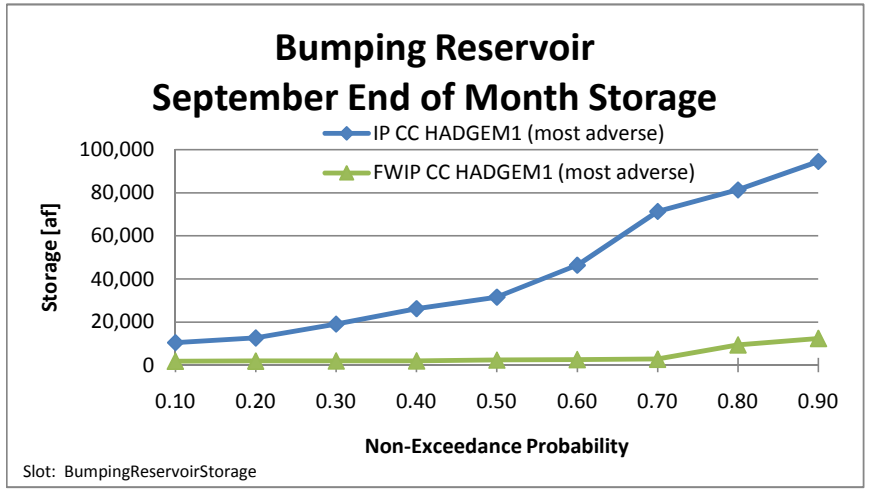

Yakima River - Selah Reach
Wet Flows (WY 2002)
Average Daily Flow [cfs]
6,000
5,000
4,000
3,000
2,000
1,000
0
11/1/2001
12/1/2001
1/1/2002
2/1/2002
3/1/2002
4/1/2002
5/1/2002
6/1/2002
7/1/2002
8/1/2002
9/1/2002
10/1/2002
11/1/200
Date
Slot: Yakima 127_98 at Roza Dam RBDWGage Outflow

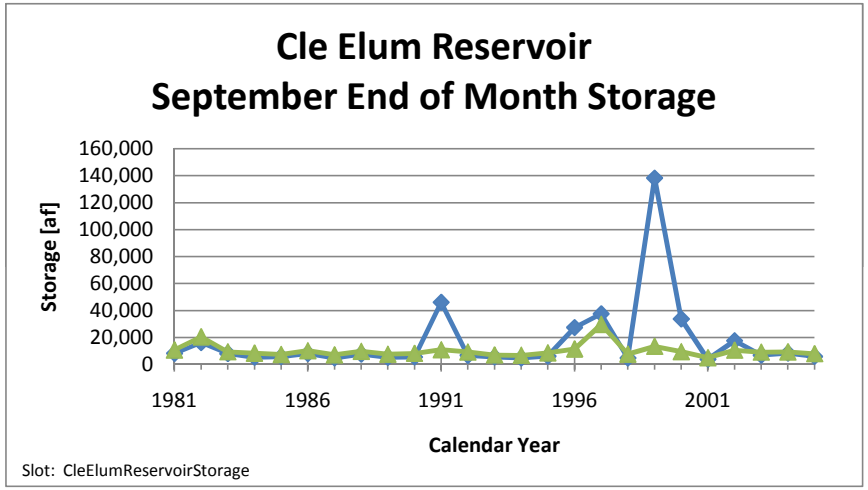

Yakima River at Parker
Average Flows (WY 2003)
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
Minimum Target Flows (Existing)
Average Daily Flow [cfs]
12,000
10,000
8,000
6,000
4,000
2,000
0
11/1/2002
12/1/2002
1/1/2003
2/1/2003
3/1/2003
4/1/2003
5/1/2003
6/1/2003
7/1/2003
8/1/2003
9/1/2003
10/1/2003
11/1/200
Date
Slot: Yakima River at Parker PARWGage Outflow

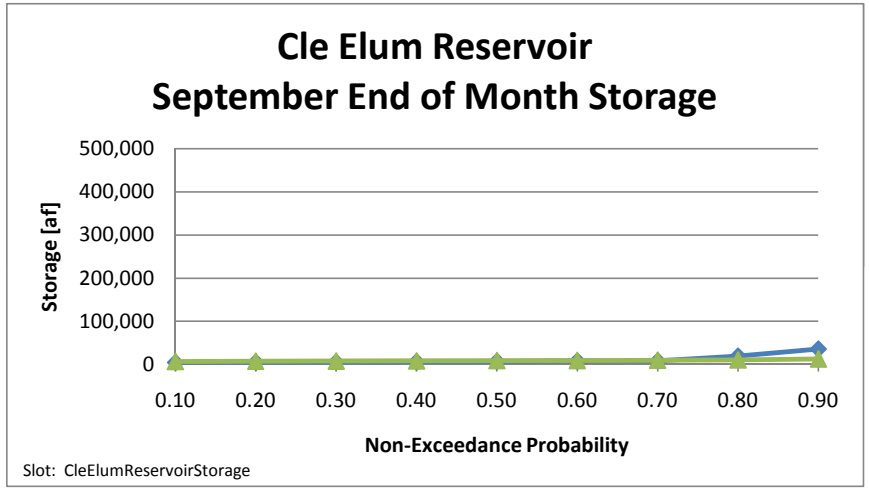

Yakima River at Parker
Drought Flows (WY 2001)
Average Daily Flow [cfs]
12,000
10,000
8,000
6,000
4,000
2,000
0
11/1/2000
12/1/2000
1/1/2001
2/1/2001
3/1/2001
4/1/2001
5/1/2001
6/1/2001
7/1/2001
8/1/2001
9/1/2001
10/1/2001
11/1/200
Date
Slot: Yakima River at Parker PARWGage Outflow

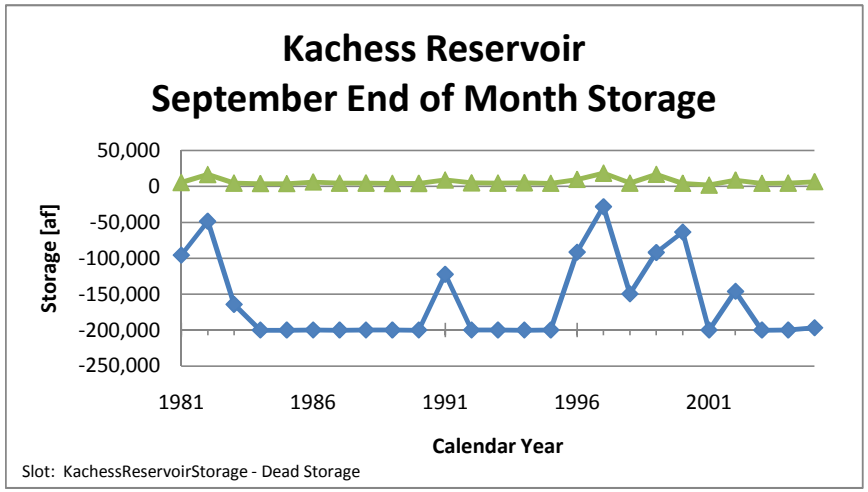

Yakima River at Parker
Wet Flows (WY 2002)
Average Daily Flow [cfs]
12,000
10,000
8,000
6,000
4,000
2,000
0
11/1/2001
12/1/2001
1/1/2002
2/1/2002
3/1/2002
4/1/2002
5/1/2002
6/1/2002
7/1/2002
8/1/2002
9/1/2002
10/1/2002
11/1/200
Date
Slot: Yakima River at Parker PARWGage Outflow

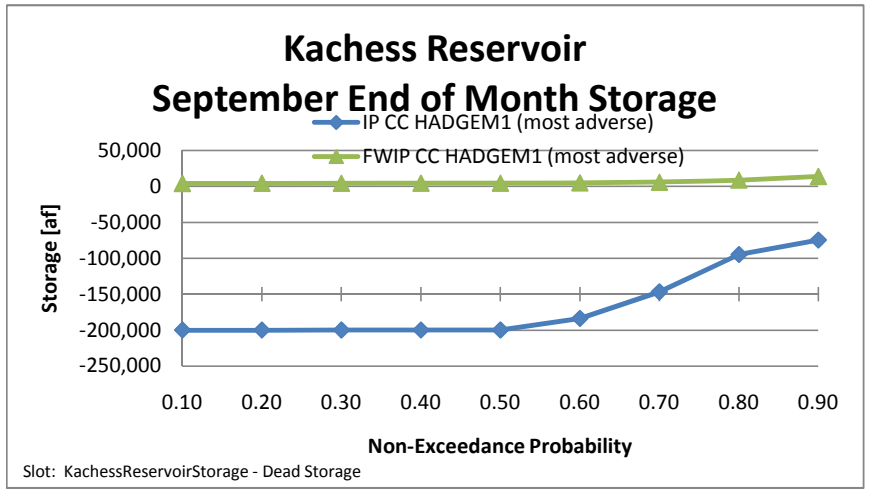

Bumping Reservoir
September End of Month Storage
Storage [af]
200,000
150,000
100,000
50,000
0
1981
1986
1991
1996
2001
Calendar Year
Slot: BumpingReservoirStorage

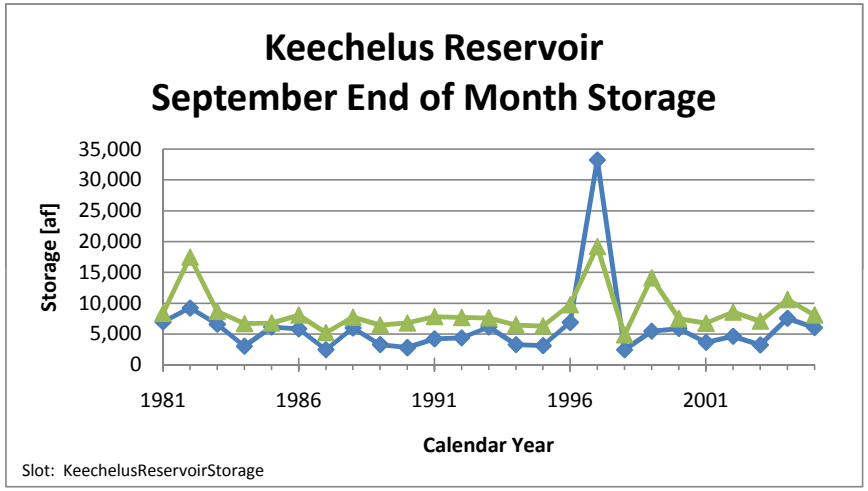

Bumping Reservoir
September End of Month Storage
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
Storage [af]
100,000
80,000
60,000
40,000
20,000
0
0.10
0.20
0.30
0.40
0.50
0.60
0.70
0.80
0.90
Non-Exceedance Probability
Slot: BumpingReservoirStorage

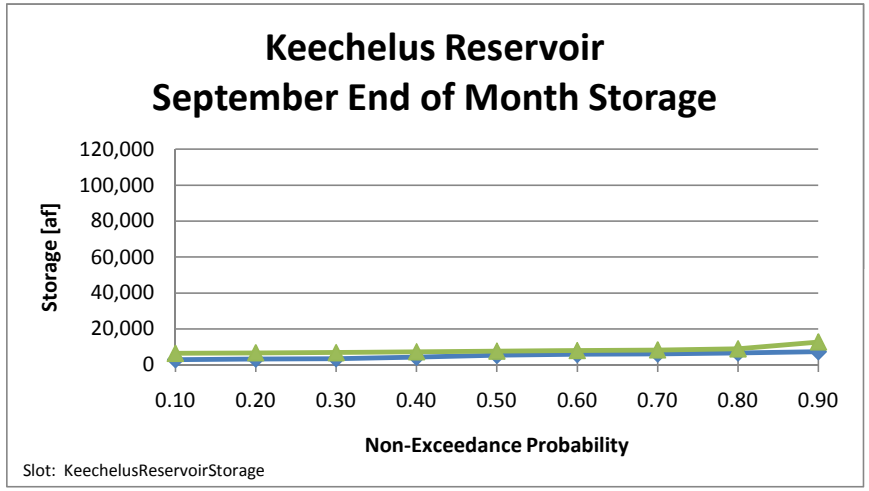

Cle Elum Reservoir
September End of Month Storage
Storage [af]
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
1981
1986
1991
1996
2001
Calendar Year
Slot: CleElumReservoirStorage

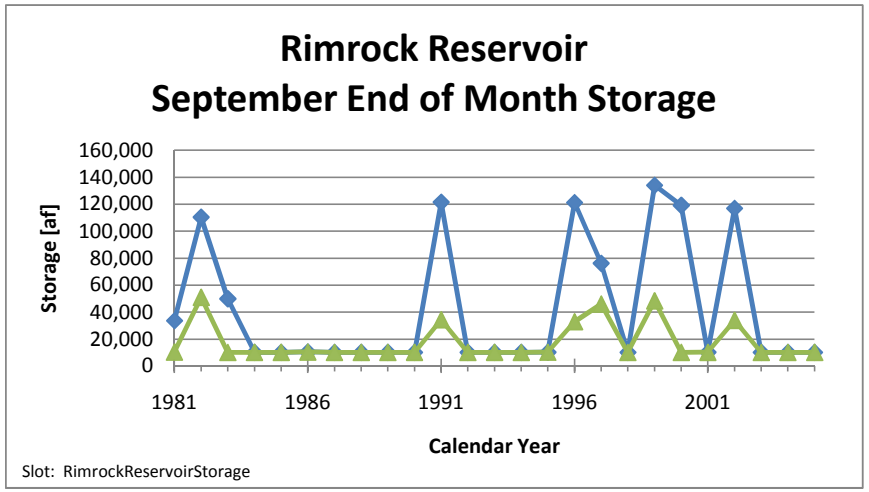

Cle Elum Reservoir
September End of Month Storage
Storage [af]
500,000
400,000
300,000
200,000
100,000
0
0.10
0.20
0.30
0.40
0.50
0.60
0.70
0.80
0.90
Non-Exceedance Probability
Slot: CleElumReservoirStorage

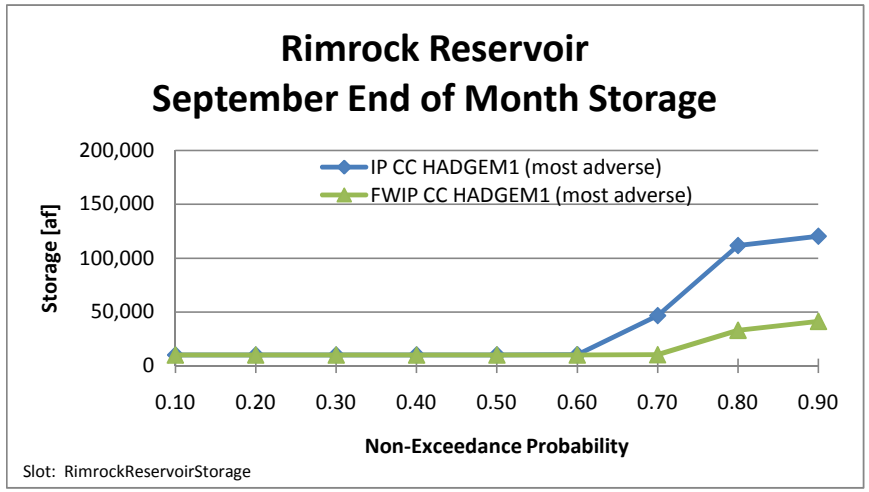

Kachess Reservoir
September End of Month Storage
Storage [af]
50,000
0
-50,000
-100,000
-150,000
-200,000
-250,000
1981
1986
1991
1996
2001
Calendar Year
Slot: KachessReservoirStorage - Dead Storage

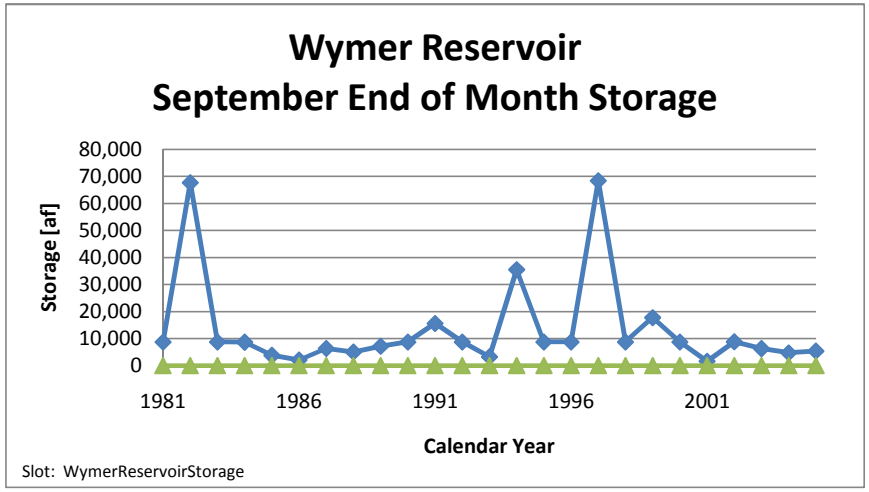

Kachess Reservoir
September End of Month Storage
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
Storage [af]
50,000
0
-50,000
-100,000
-150,000
-200,000
-250,000
0.10
0.20
0.30
0.40
0.50
0.60
0.70
0.80
0.90
Non-Exceedance Probability
Slot: KachessReservoirStorage - Dead Storage

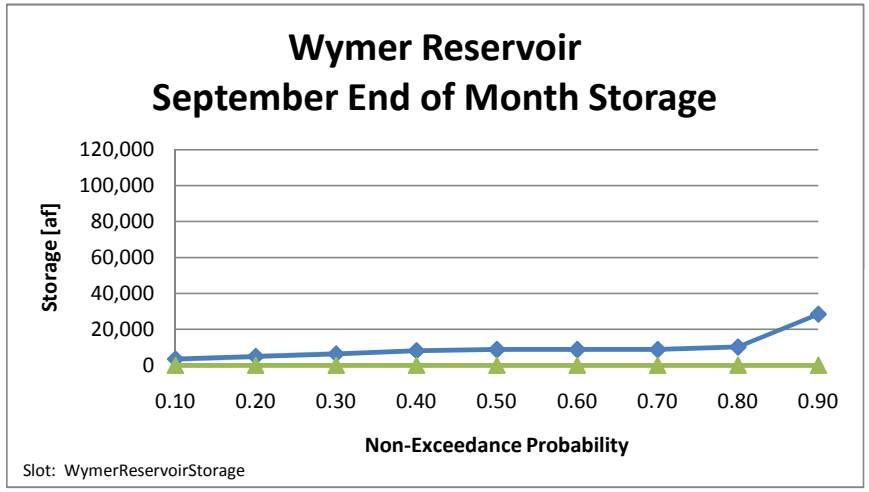

Keechelus Reservoir
September End of Month Storage
Storage [af]
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
1981
1986
1991
1996
2001
Calendar Year
Slot: KeechelusReservoirStorage

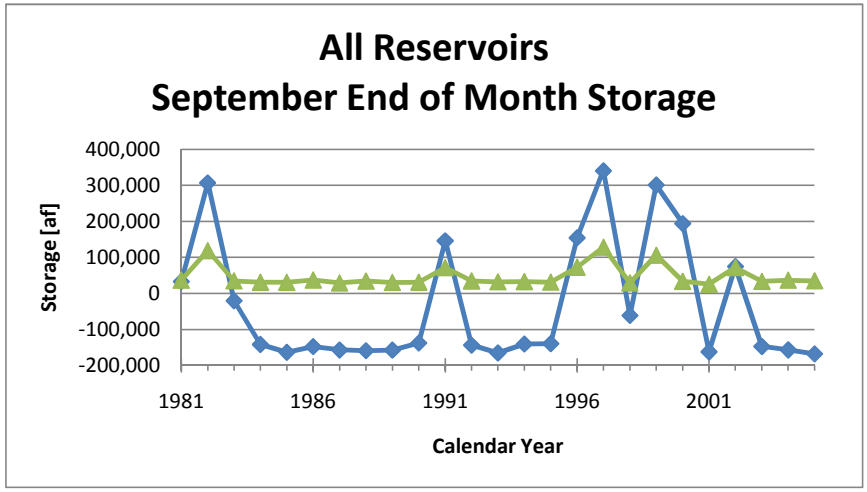

Keechelus Reservoir
September End of Month Storage
Storage [af]
120,000
100,000
80,000
60,000
40,000
20,000
0
0.10
0.20
0.30
0.40
0.50
0.60
0.70
0.80
0.90
Non-Exceedance Probability
Slot: KeechelusReservoirStorage

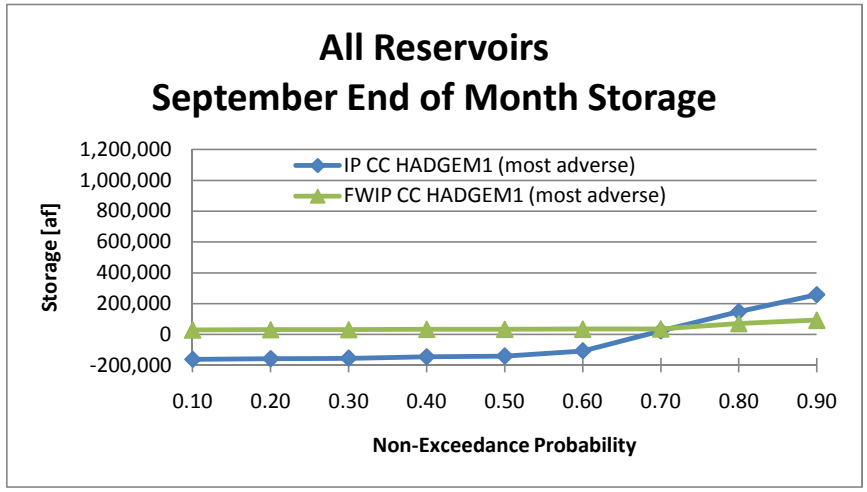

Rimrock Reservoir
September End of Month Storage
Storage [af]
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
1981
1986
1991
1996
2001
Calendar Year
Slot: RimrockReservoirStorage

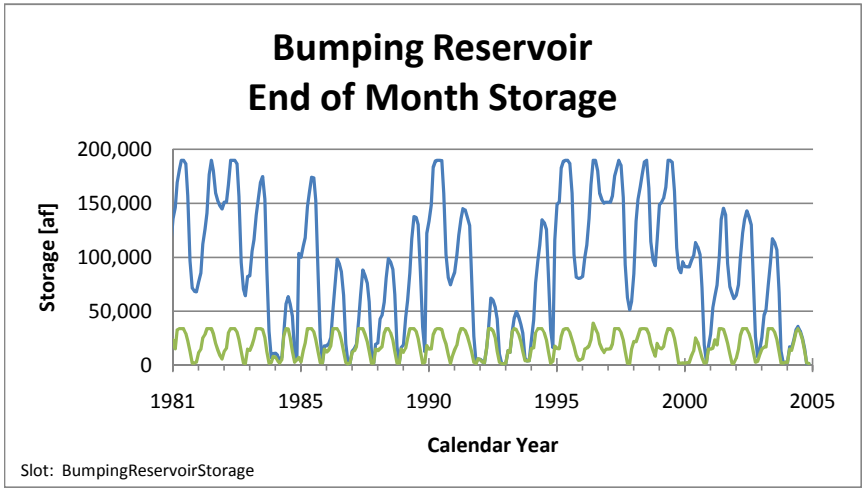

Rimrock Reservoir
September End of Month Storage
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
Storage [af]
200,000
150,000
100,000
50,000
0
0.10
0.20
0.30
0.40
0.50
0.60
0.70
0.80
0.90
Non-Exceedance Probability
Slot: RimrockReservoirStorage

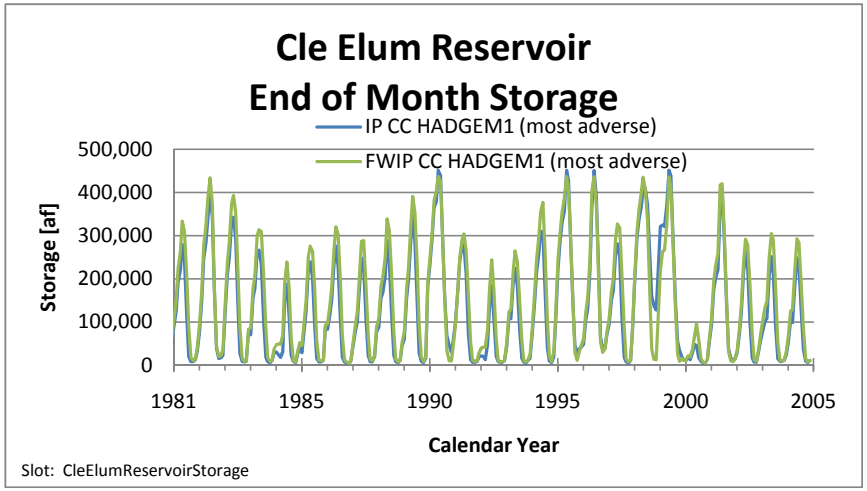

Wymer Reservoir
September End of Month Storage
Storage [af]
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
1981
1986
1991
1996
2001
Calendar Year
Slot: WymerReservoirStorage

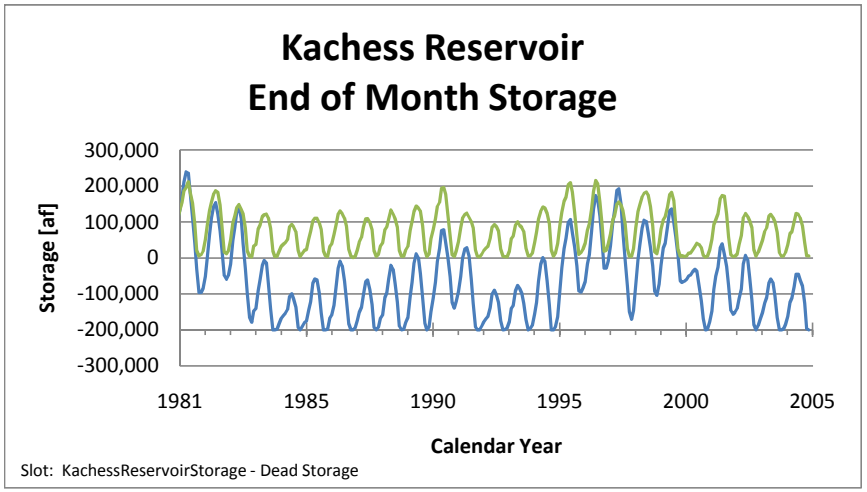

Wymer Reservoir
September End of Month Storage
Storage [af]
120,000
100,000
80,000
60,000
40,000
20,000
0
0.10
0.20
0.30
0.40
0.50
0.60
0.70
0.80
0.90
Non-Exceedance Probability
Slot: WymerReservoirStorage

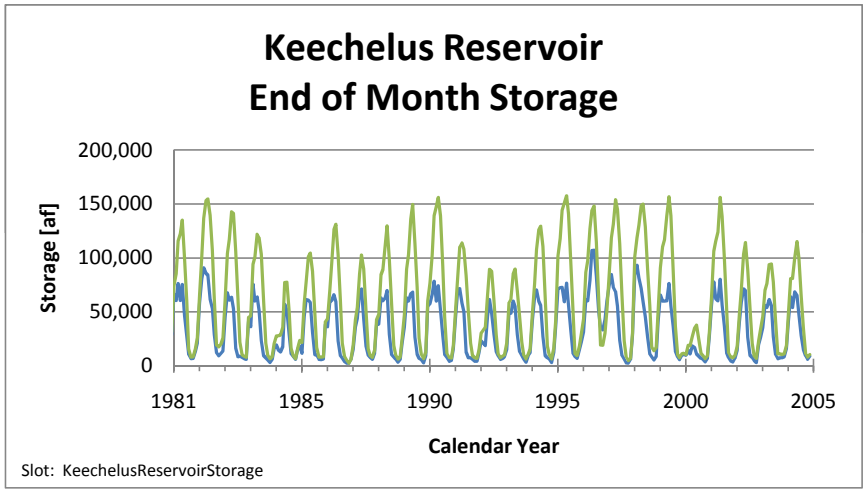

All Reservoirs
September End of Month Storage
400,000
300,000
200,000
100,000
0
-100,000
-200,000
Storage [af]
1981
1986
1991
1996
2001
Calendar Year

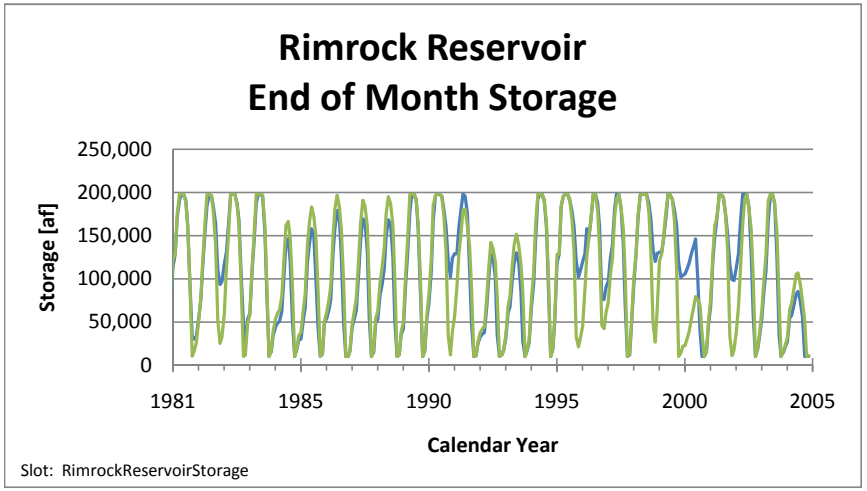

All Reservoirs
September End of Month Storage
1,200,000
1,000,000
800,000
600,000
400,000
200,000
0
-200,000
Storage [af]
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
0.10
0.20
0.30
0.40
0.50
0.60
0.70
0.80
0.90
Non-Exceedance Probability

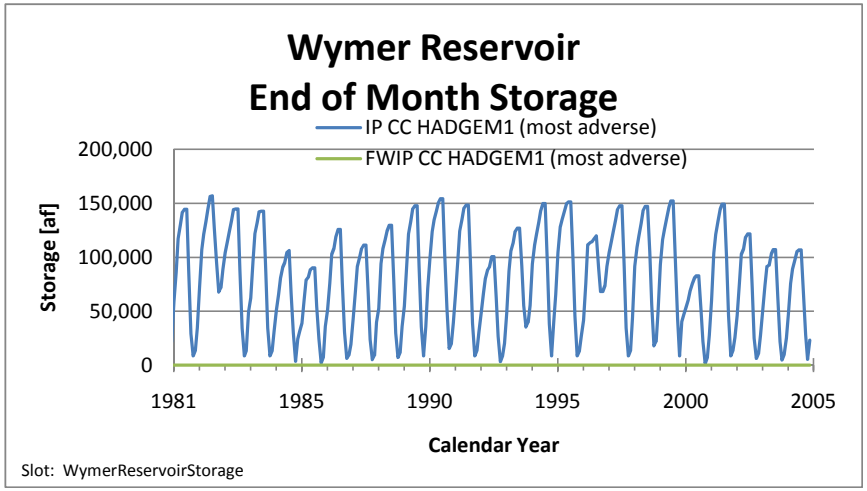

Bumping Reservoir
End of Month Storage
Storage [af]
200,000
150,000
100,000
50,000
0
1981
1985
1990
1995
2000
2005
Calendar Year
Slot: BumpingReservoirStorage

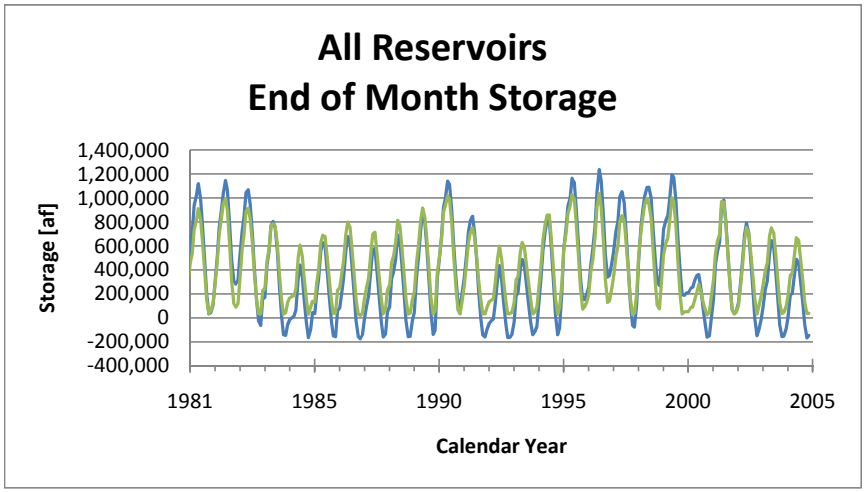

Cle Elum Reservoir
End of Month Storage
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
Storage [af]
500,000
400,000
300,000
200,000
100,000
0
1981
1985
1990
1995
2000
2005
Calendar Year
Slot: CleElumReservoirStorage

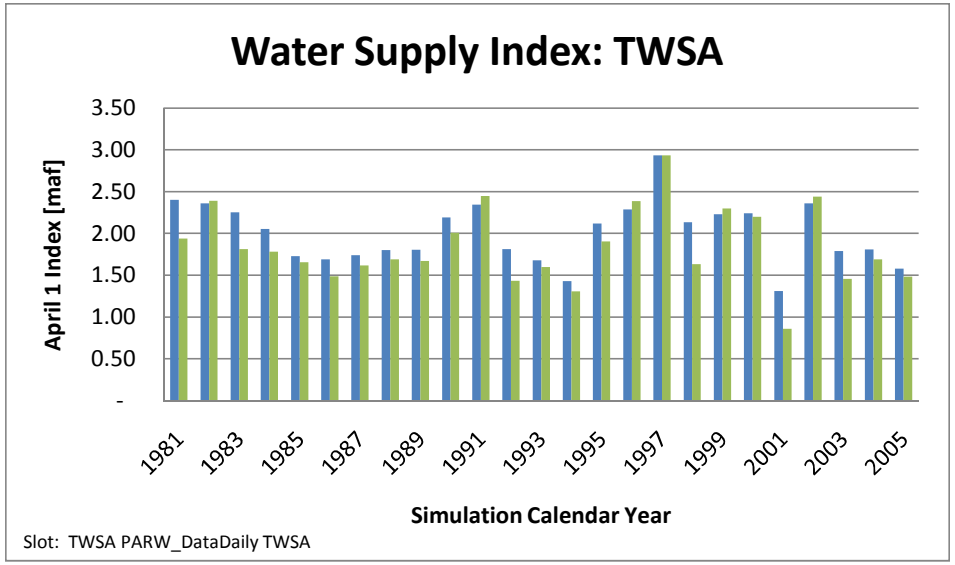

Kachess Reservoir
End of Month Storage
Storage [af]
300,000
200,000
100,000
0
-100,000
-200,000
-300,000
1981
1985
1990
1995
2000
2005
Calendar Year
Slot: KachessReservoirStorage - Dead Storage

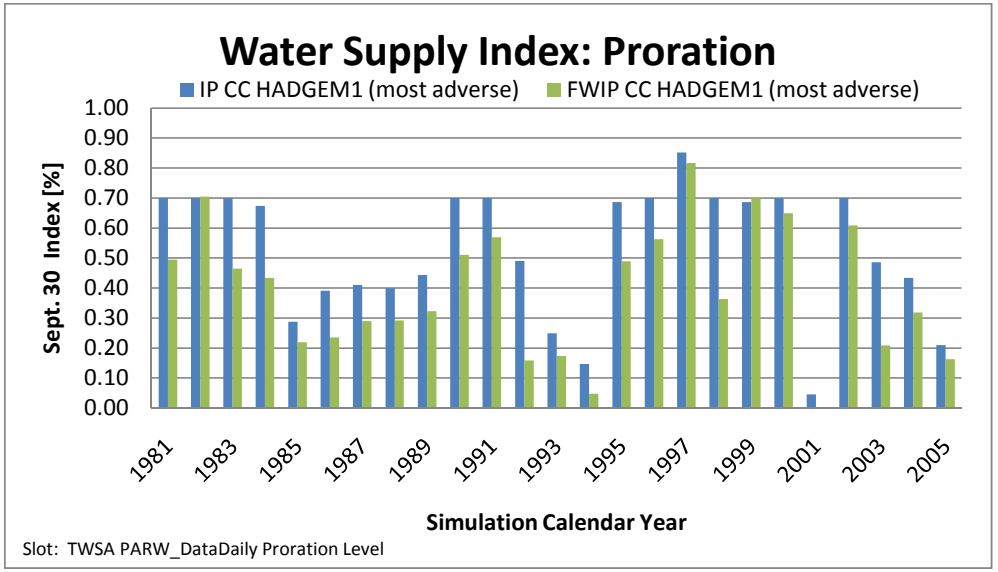

Keechelus Reservoir
End of Month Storage
Storage [af]
200,000
150,000
100,000
50,000
0
1981
1985
1990
1995
2000
2005
Calendar Year
Slot: KeechelusReservoirStorage

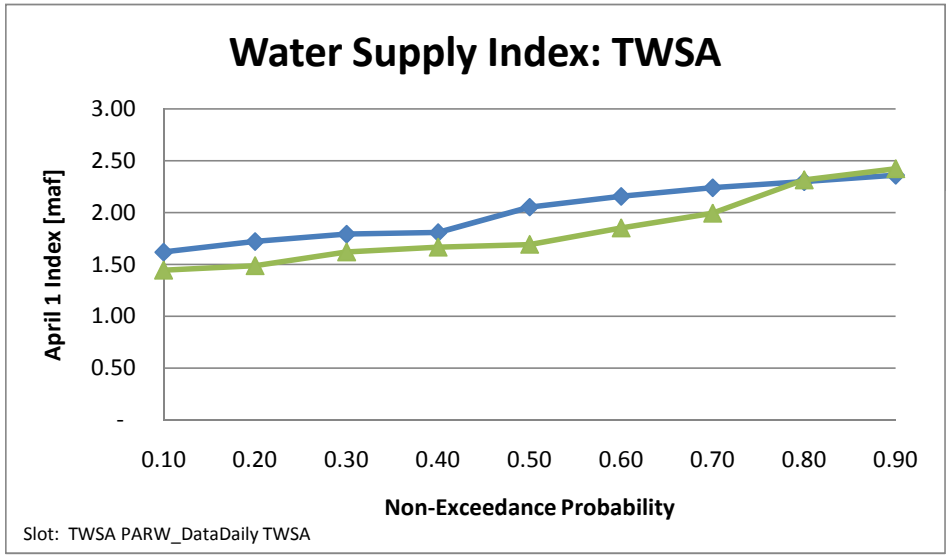

Rimrock Reservoir
End of Month Storage
250,000
200,000
150,000
100,000
50,000
0
Storage [af]
1981
1985
1990
1995
2000
2005
Calendar Year
Slot: RimrockReservoirStorage

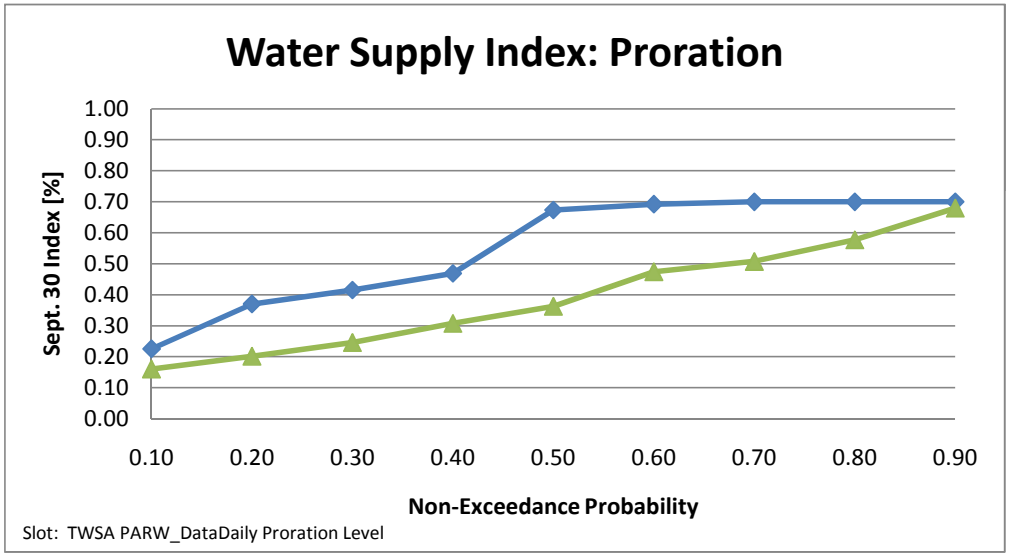

Wymer Reservoir
End of Month Storage
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
200,000
150,000
100,000
50,000
0
Storage [af]
1981
1985
1990
1995
2000
2005
Calendar Year
Slot: WymerReservoirStorage

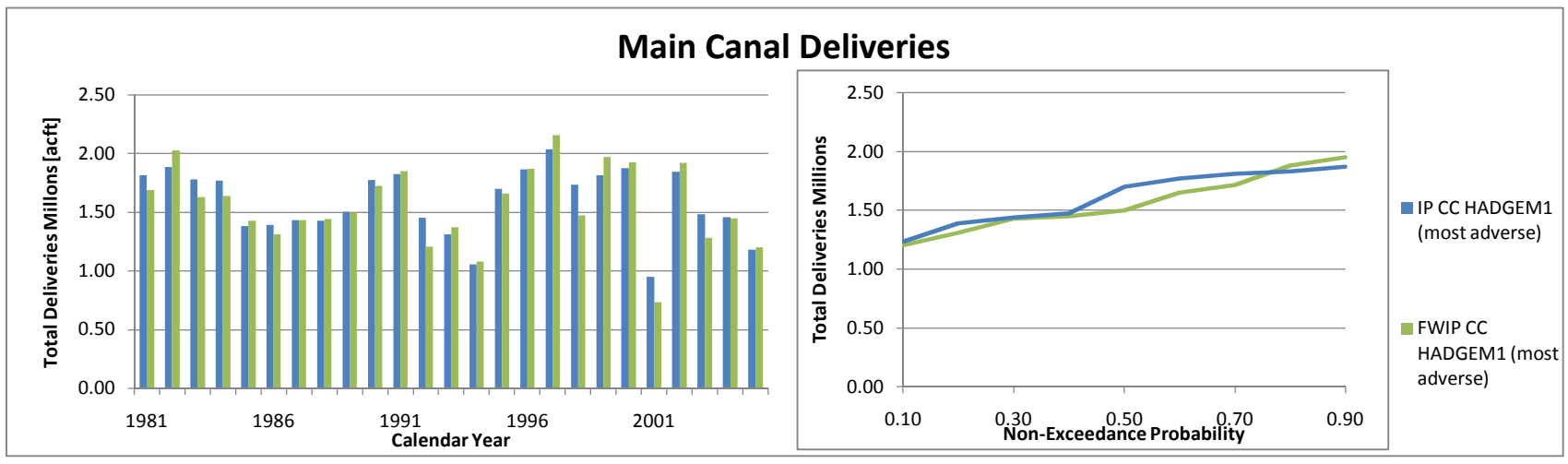

All Reservoirs
End of Month Storage
1,400,000
1,200,000
1,000,000
800,000
600,000
400,000
200,000
0
-200,000
-400,000
Storage [af]
1981
1985
1990
1995
2000
2005
Calendar Year

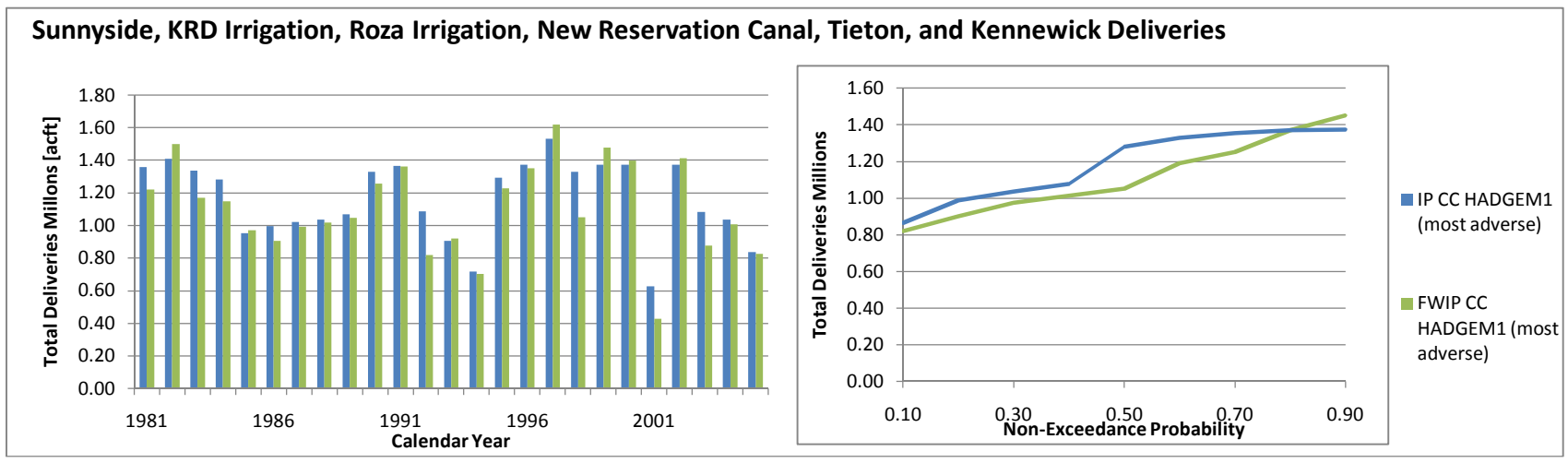

Water Supply Index: TWSA
April 1 Index [maf]
3.50
3.00
2.50
2.00
1.50
1.00
0.50
-
1981
1983
1985
1987
1989
1991
1993
1995
1997
1999
2001
2003
2005
Simulation Calendar Year
Slot: TWSA PARW_DataDaily TWSA

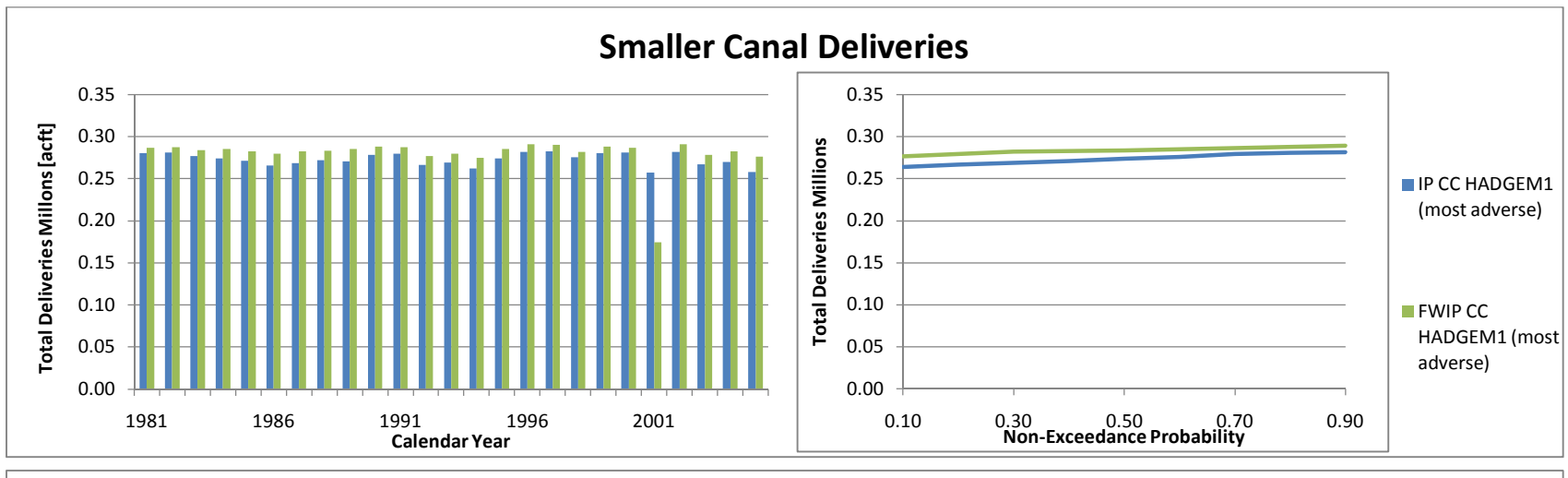

Water Supply Index: Proration
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)
Sept. 30 Index [%]
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
1981
1983
1985
1987
1989
1991
1993
1995
1997
1999
2001
2003
2005
Simulation Calendar Year
Slot: TWSA PARW_DataDaily Proration Level

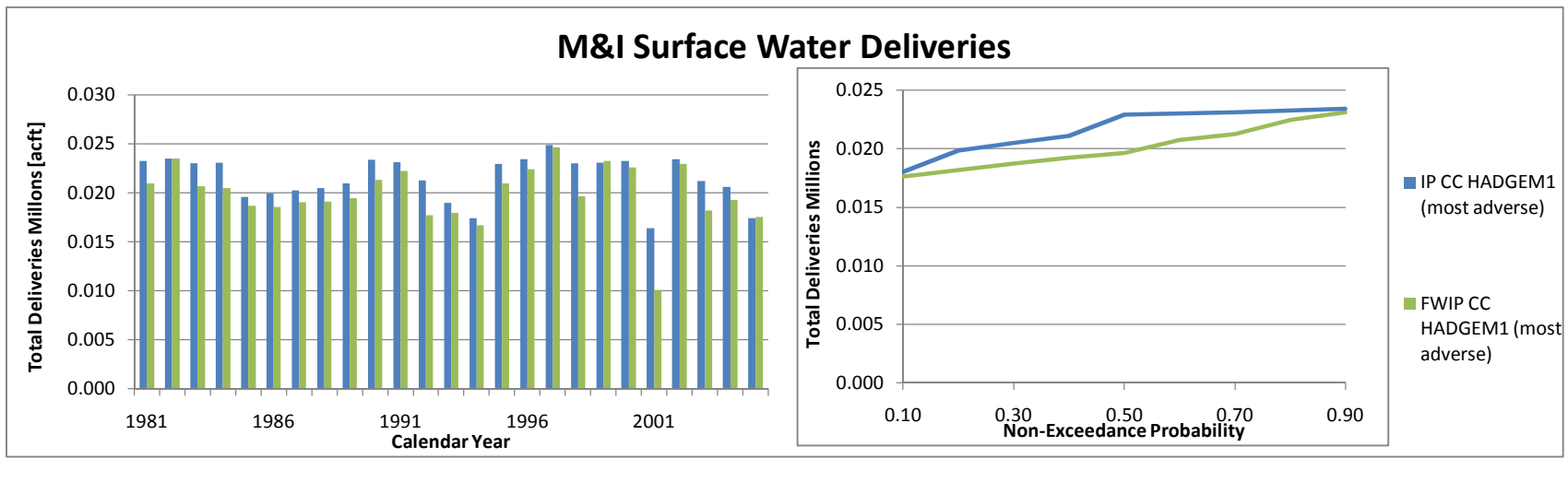

Water Supply Index: TWSA
April 1 Index [maf]
3.00
2.50
2.00
1.50
1.00
0.50
-
0.10
0.20
0.30
0.40
0.50
0.60
0.70
0.80
0.90
Non-Exceedance Probability
Slot: TWSA PARW_DataDaily TWSA


Water Supply Index: Proration
Sept. 30 Index [%]
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
0.10
0.20
0.30
0.40
0.50
0.60
0.70
0.80
0.90
Non-Exceedance Probability
Slot: TWSA PARW_DataDaily Proration Level


Main Canal Deliveries
Total Deliveries Millons [acft]
2.50
2.00
1.50
1.00
0.50
0.00
1981
1986
1991
1996
2001
Calendar Year
Total Deliveries Millions
0.10
0.30
0.50
0.70
0.90
Non-Exceedance Probability
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)


Sunnyside, KRD Irrigation, Roza Irrigation, New Reservation Canal, Tieton, and Kennewick Deliveries
Total Deliveries Millons [acft]
1.80
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
1981
1986
1991
1996
2001
Calendar Year
Total Deliveries Millions
0.10
0.30
0.50
0.70
0.90
Non-Exceedance Probability
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)


Smaller Canal Deliveries
Total Deliveries Millons [acft]
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
1981
1986
1991
1996
2001
Calendar Year
Total Deliveries Millions
0.10
0.30
0.50
0.70
0.90
Non-Exceedance Probability
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)


M&I Surface Water Deliveries
Total Deliveries Millons [acft]
0.030
0.025
0.020
0.015
0.010
0.005
0.000
1981
1986
1991
1996
2001
Calendar Year
Total Deliveries Millions
0.10
0.30
0.50
0.70
0.90
Non-Exceedance Probability
IP CC HADGEM1 (most adverse)
FWIP CC HADGEM1 (most adverse)