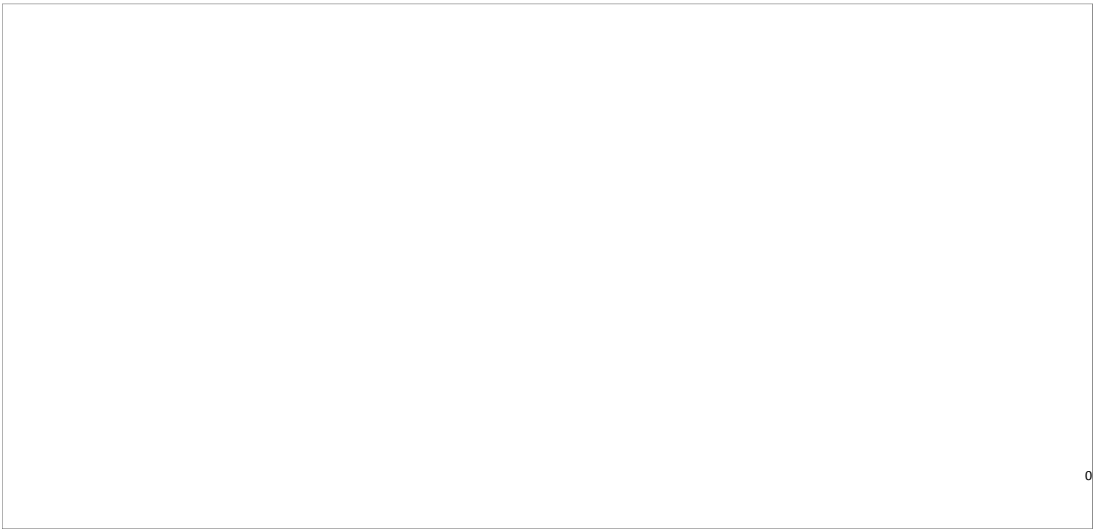
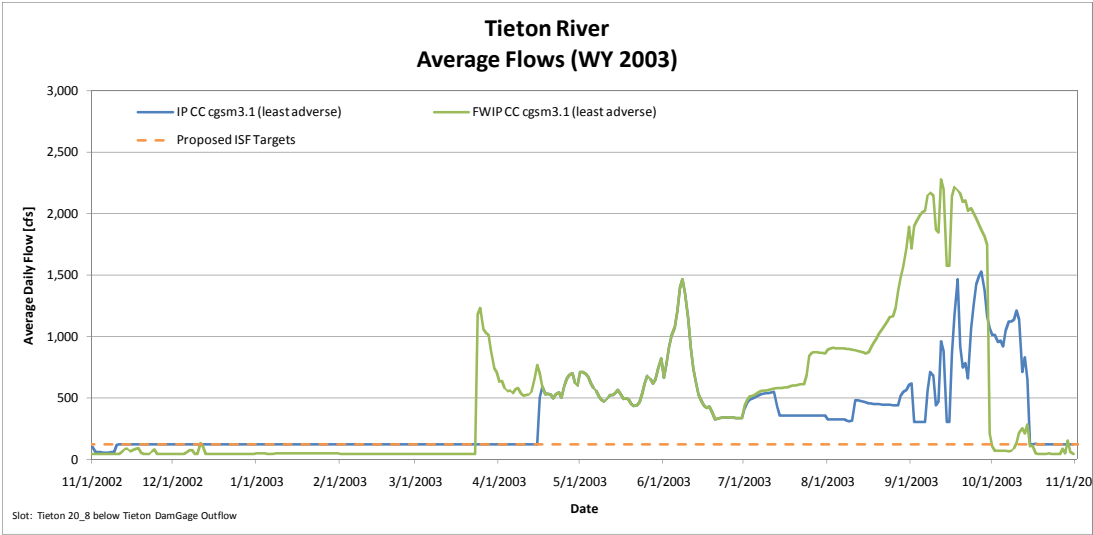


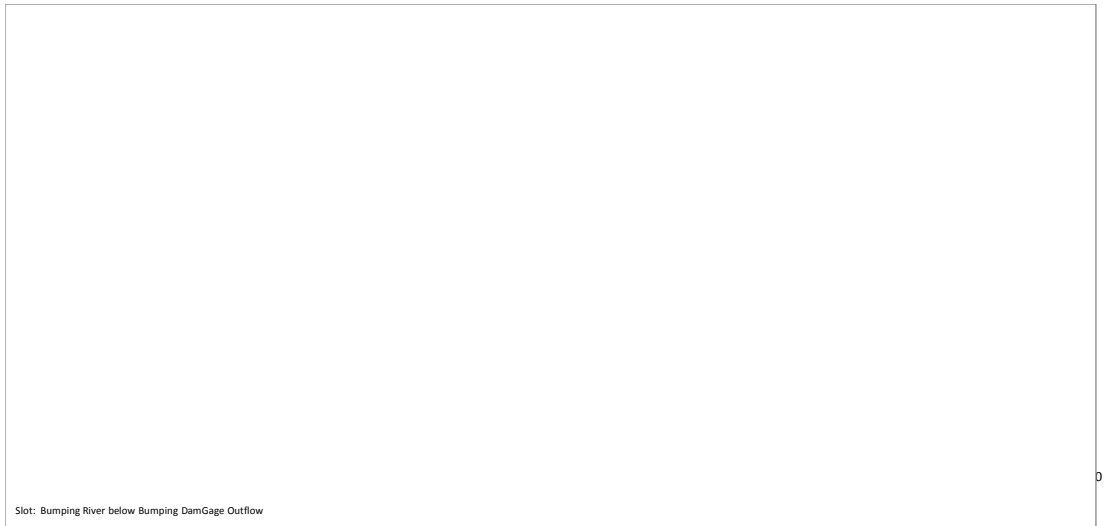
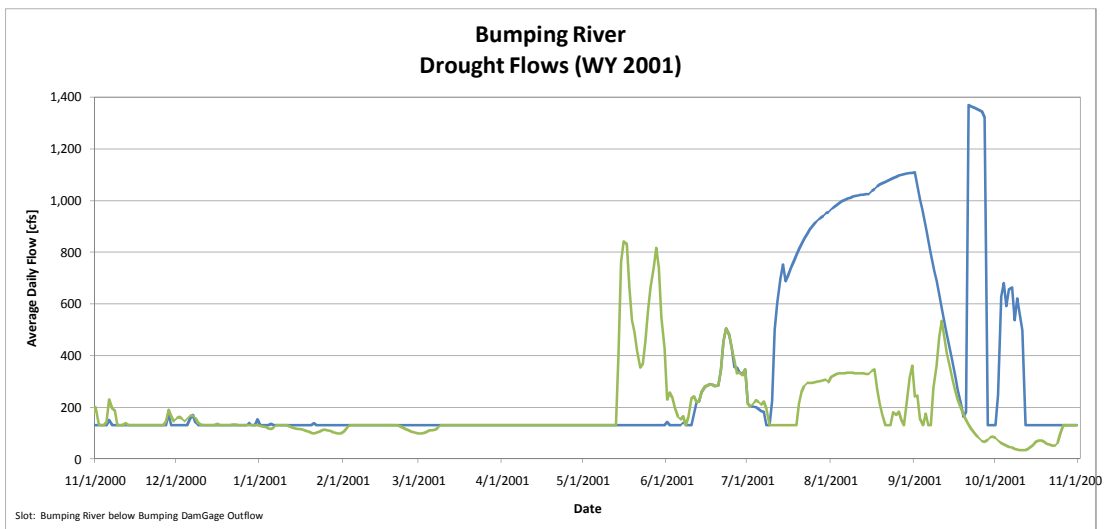
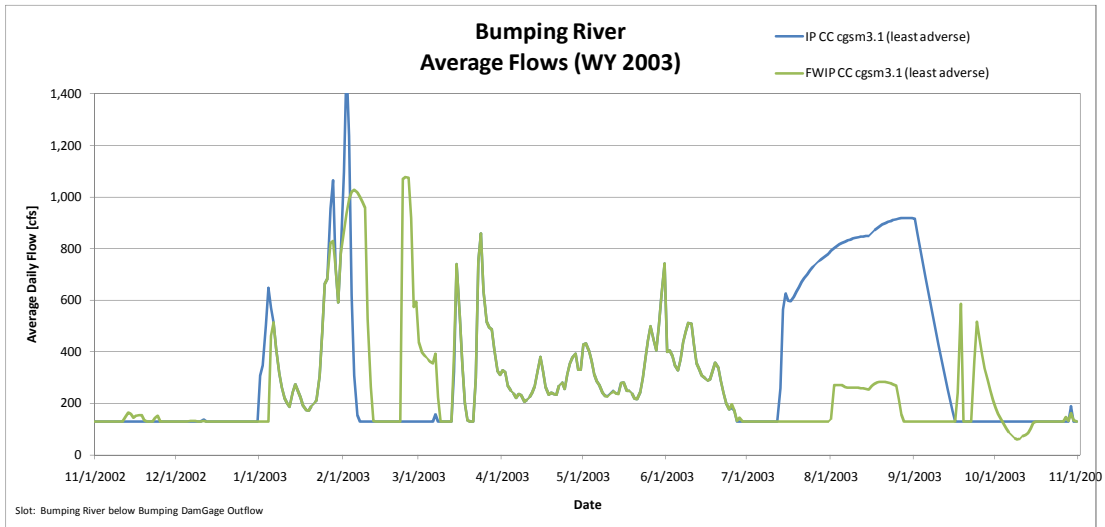
| Resource indicator<br>(measurement)                        | IP CC cgsm3.1 (least adverse) | FWIP CC cgsm3.1 (least<br>adverse) |
|------------------------------------------------------------|-------------------------------|------------------------------------|
| <b>WATER RESOURCES</b>                                     |                               |                                    |
| <i>Average for water years 1981–2005 (maf)</i>             |                               |                                    |
| <b>Water supply</b>                                        |                               |                                    |
| April 1 total water supply<br>available (TWSA)             | 2.80                          | 2.65                               |
| <b>Water distribution</b>                                  |                               |                                    |
| April–September Parker flow<br>volume                      | 0.52                          | 0.54                               |
| April–September diversion                                  | 1.74                          | 1.69                               |
| September 30 reservoir<br>contents                         | 0.39                          | 0.14                               |
| April–September flow<br>volume at mouth of<br>Yakima River | 0.98                          | 0.84                               |
| <i>1994 dry-year (maf)</i>                                 |                               |                                    |
| <b>Water supply</b>                                        |                               |                                    |
| April 1 TWSA                                               | 2.22                          | 1.74                               |
| <b>Water distribution</b>                                  |                               |                                    |
| April–September Parker flow<br>volume                      | 0.21                          | 0.22                               |
| April–September diversion                                  | 1.57                          | 1.33                               |
| September 30 reservoir<br>contents                         | -0.05                         | 0.04                               |
| April–September flow<br>volume at mouth of<br>Yakima River | 0.53                          | 0.39                               |
| Irrigation proration level                                 | 70%                           | 42%                                |

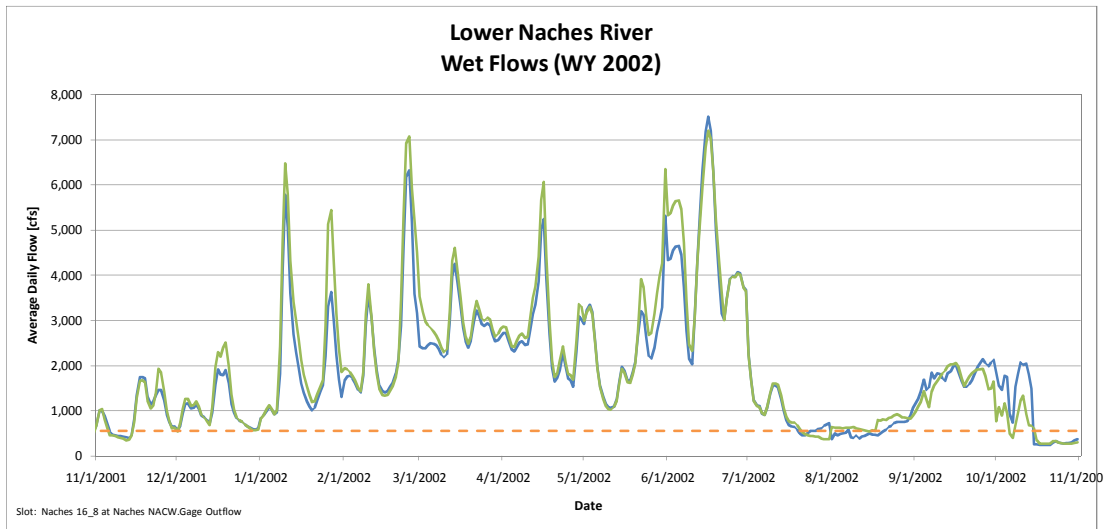
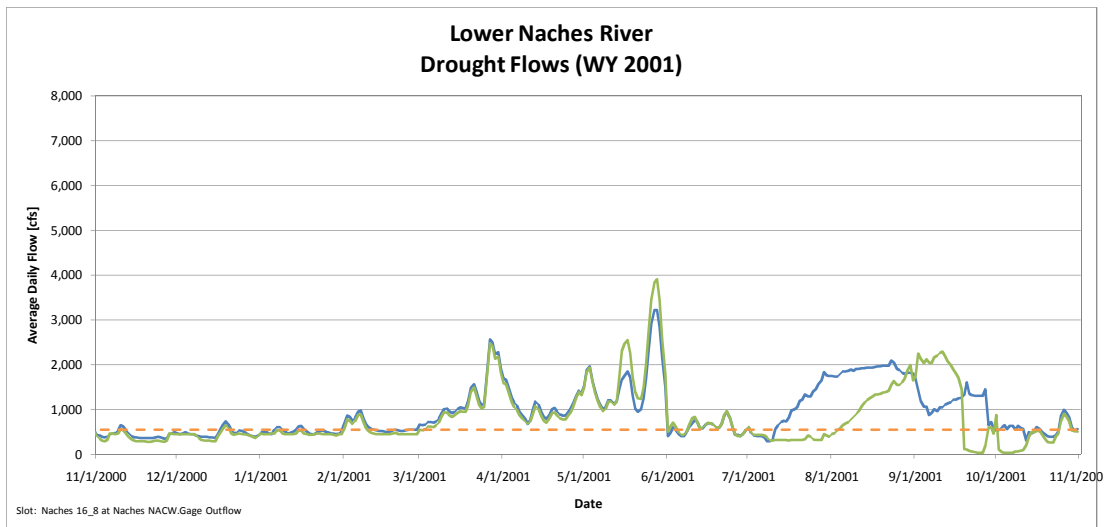
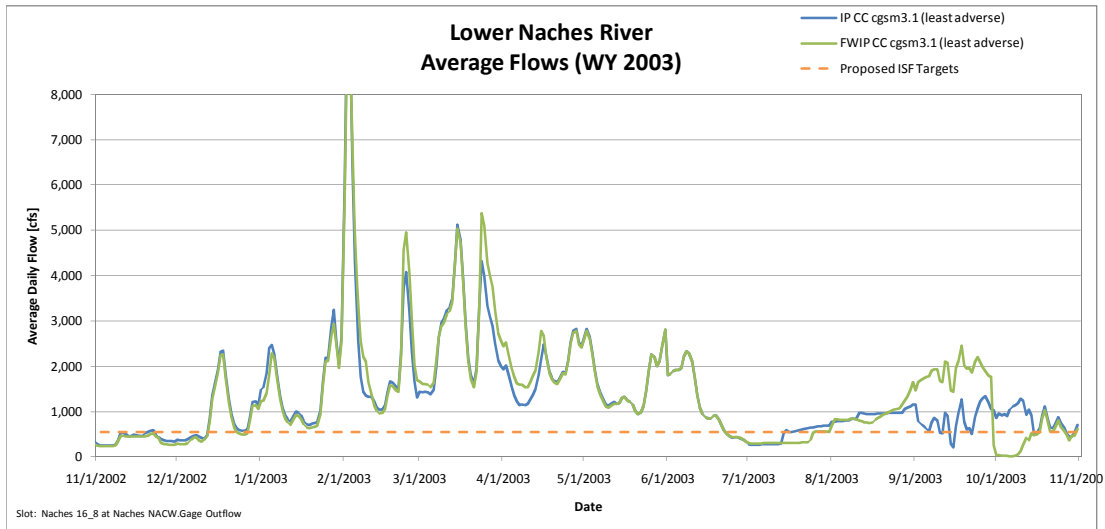
| Resource indicator<br>(measurement)                                                                                                   | IP CC cgsm3.1 (least adverse) | FWIP CC cgsm3.1 (least adverse) |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------|
| <b>ANADROMOUS FISH</b>                                                                                                                |                               |                                 |
| <i>Rate of change in flow during flip-flop<br/>(average cfs/day August 16–September 14)</i>                                           |                               |                                 |
| Easton reach                                                                                                                          | -6                            | -15                             |
| Ellensburg reach                                                                                                                      | -60                           | -86                             |
| Lower Naches River reach                                                                                                              | 25                            | 30                              |
| <i>Pre- (August 1-15) and post- (September 14-28)<br/>flip-flop flow and absolute change in flow</i>                                  |                               |                                 |
| Easton reach                                                                                                                          |                               |                                 |
| Pre-flip-flop flow (cfs)                                                                                                              | 531                           | 767                             |
| Post-flip-flop flow (cfs)                                                                                                             | 346                           | 324                             |
| Absolute change in flow (cfs)                                                                                                         | -185                          | -443                            |
| Ellensburg reach                                                                                                                      |                               |                                 |
| Pre-flip-flop flow (cfs)                                                                                                              | 3,290                         | 3,854                           |
| Post-flip-flop flow (cfs)                                                                                                             | 1,560                         | 1,367                           |
| Absolute change in flow (cfs)                                                                                                         | -1,730                        | -2,487                          |
| Lower Naches River reach                                                                                                              |                               |                                 |
| Pre-flip-flop flow (cfs)                                                                                                              | 881                           | 794                             |
| Post-flip-flop flow (cfs)                                                                                                             | 1,594                         | 1,652                           |
| Absolute change in flow (cfs)                                                                                                         | 713                           | 857                             |
| <b>Average, minimum, and maximum reservoir elevation (feet) during bull trout spawning migration:<br/>July 15–September 15 (feet)</b> |                               |                                 |
| Kachess Lake                                                                                                                          | 2228.13 2146.26-2261.06       | 2232.51 2195.46-2260.89         |
| Keechelus Lake                                                                                                                        | 2463.84 2430.48-2515.5        | 2455.72 2431.55-2513.75         |
| Rimrock Lake                                                                                                                          | 2912.33 2822.7-2925.97        | 2904.95 2820.32-2925.76         |

| Hydrologic Indicator                                                    | IP CC cgsm3.1 (least adverse) |                      |                      |                      |                  | FWIP CC cgsm3.1 (least adverse) |                      |                      |                      |                  |
|-------------------------------------------------------------------------|-------------------------------|----------------------|----------------------|----------------------|------------------|---------------------------------|----------------------|----------------------|----------------------|------------------|
|                                                                         | Average<br>1981-2005          | Drought Year<br>1994 | Drought Year<br>2001 | Drought Year<br>2005 | Wet Year<br>1997 | Average<br>1981-2005            | Drought Year<br>1994 | Drought Year<br>2001 | Drought Year<br>2005 | Wet Year<br>1997 |
| April 1 TWSA (maf)                                                      | 2.80                          | 2.22                 | 2.24                 | 2.31                 | 4.28             | 2.65                            | 1.74                 | 1.76                 | 2.24                 | 4.14             |
| April-September flow<br>volume at Parker gage<br>(kaf)                  | 522                           | 210                  | 220                  | 333                  | 1552             | 537                             | 219                  | 230                  | 335                  | 1565             |
| March-October flow<br>volume at Parker gage<br>(kaf)                    | 987                           | 483                  | 465                  | 626                  | 2423             | 1021                            | 479                  | 460                  | 627                  | 2436             |
| April-September<br>diversion volume<br>upstream of Parker<br>gage (maf) | 1.74                          | 1.57                 | 1.56                 | 1.61                 | 1.84             | 1.69                            | 1.33                 | 1.34                 | 1.60                 | 1.87             |
| September 30 non-<br>Bumping or Wymer<br>reservoir contents (kaf)       | 193                           | -128                 | -79                  | 200                  | 554              | 124                             | 31                   | 37                   | 66                   | 410              |
| October 31 non-<br>Bumping or Wymer<br>reservoir contents (kaf)         | 155                           | -132                 | -74                  | 166                  | 534              | 116                             | 61                   | 72                   | 66                   | 396              |
| September 30 Bumping<br>and Wymer reservoir<br>contents (kaf)           | 195                           | 73                   | 64                   | 107                  | 236              | 13                              | 2                    | 2                    | 13                   | 17               |
| April-September flow<br>volume at mouth of<br>Yakima River (kaf)        | 985                           | 529                  | 581                  | 764                  | 2210             | 844                             | 388                  | 445                  | 617                  | 2060             |
| Irrigation proration level<br>(percent) <sup>1</sup>                    | 89%                           | 70%                  | 70%                  | 70%                  | 100%             | 81%                             | 42%                  | 43%                  | 67%                  | 100%             |

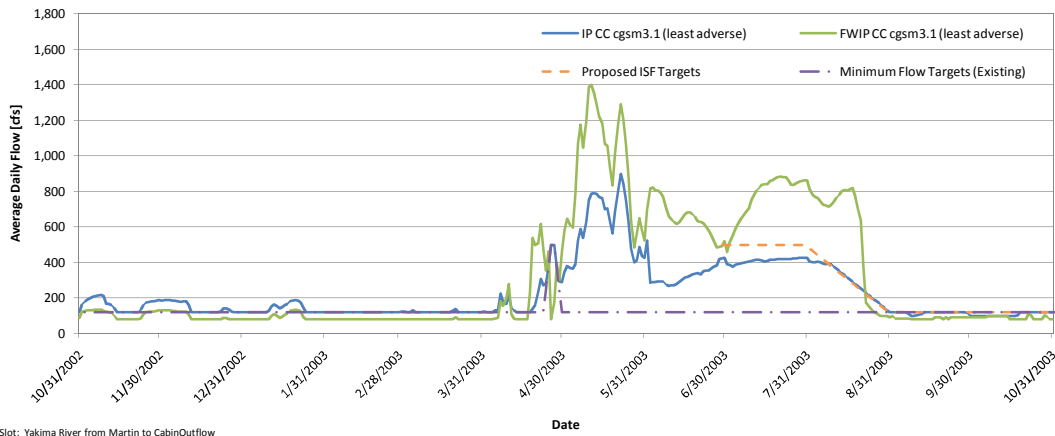
| Item                                           | FWIP CC cgsm3.1 (least adverse) | IP CC cgsm3.1 (least adverse) | Improvement |
|------------------------------------------------|---------------------------------|-------------------------------|-------------|
| Average 1981-2005                              |                                 |                               |             |
| TWSA [April 1, kaf]                            | 2649.1                          | 2803.9                        | 154.8       |
| March-October flow volume at Parker gage [kaf] | 1021.0                          | 987.1                         | -33.9       |
| Drought Year 1994                              |                                 |                               |             |
| TWSA [April 1, kaf]                            | 1744.0                          | 2222.1                        | 478.1       |
| March-October flow volume at Parker gage [kaf] | 479.2                           | 482.5                         | 3.3         |
| Drought Year 2001                              |                                 |                               |             |
| TWSA [April 1, kaf]                            | 1760.4                          | 2242.8                        | 482.4       |
| March-October flow volume at Parker gage [kaf] | 459.9                           | 464.6                         | 4.7         |
| Drought Year 2005                              |                                 |                               |             |
| TWSA [April 1, kaf]                            | 2235.2                          | 2312.9                        | 77.8        |
| March-October flow volume at Parker gage [kaf] | 627.5                           | 625.8                         | -1.6        |
| Wet Year 1997                                  |                                 |                               |             |
| TWSA [April 1, kaf]                            | 4144.7                          | 4280.8                        | 136.1       |
| March-October flow volume at Parker gage [kaf] | 2436.5                          | 2423.4                        | -13.1       |



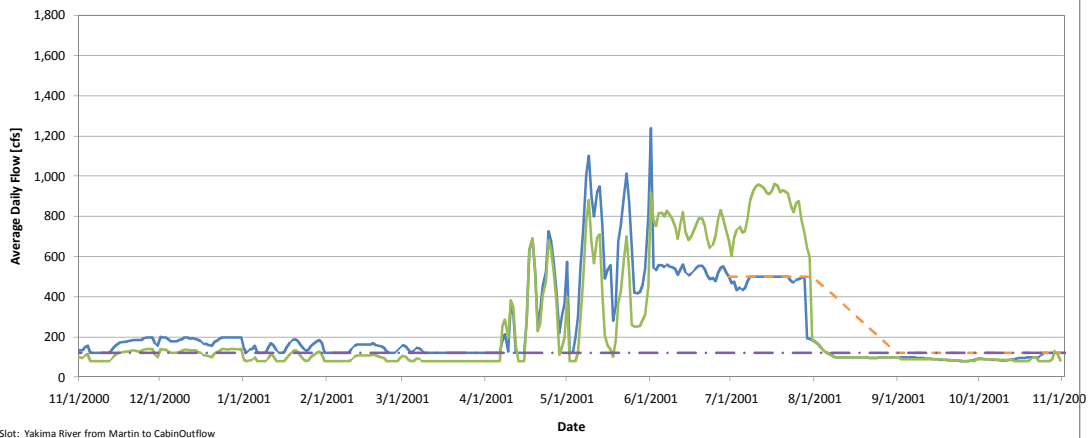




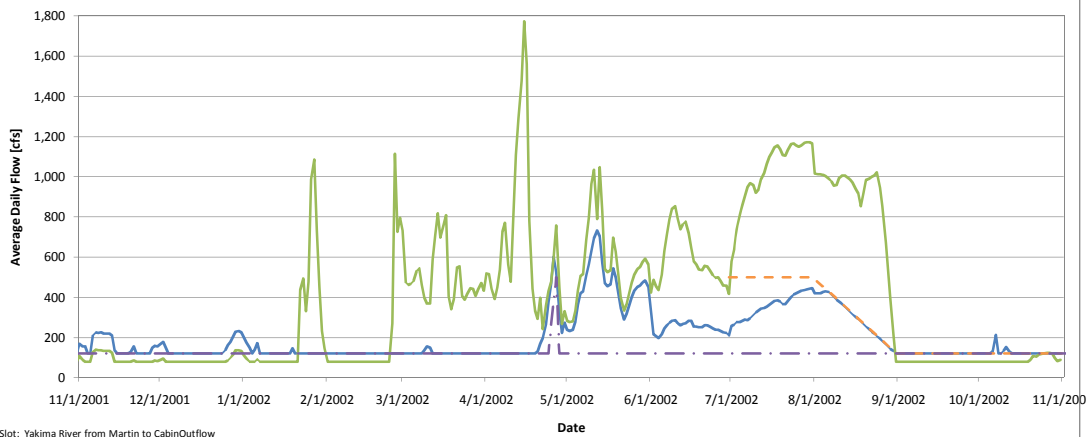
### Yakima River, Keechelus Reservoir to Lake Easton Reach Average Flows (WY 2003)



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

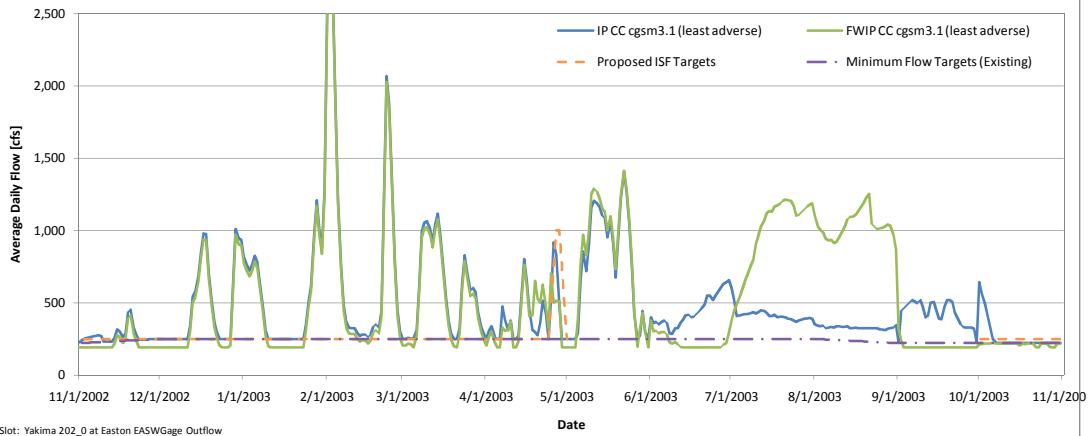


### Yakima River, Keechelus Reservoir to Lake Easton Reach Wet Flows (WY 2002)

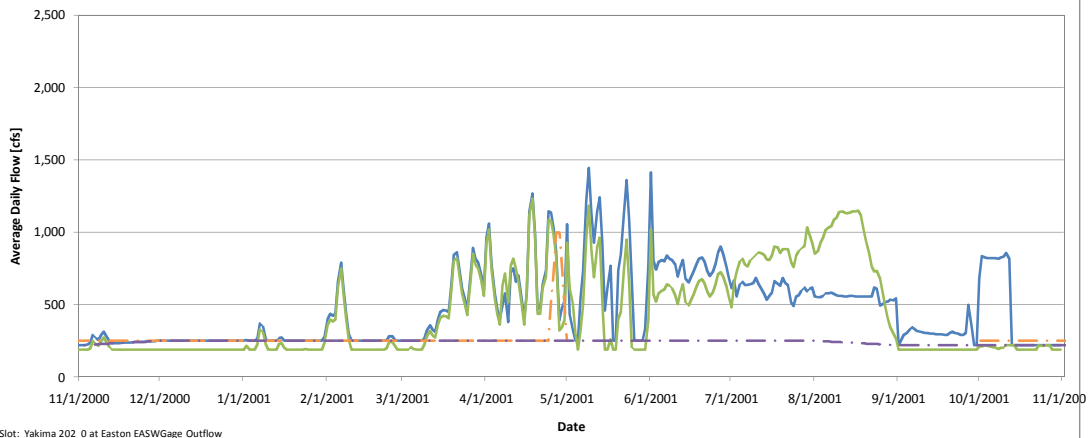




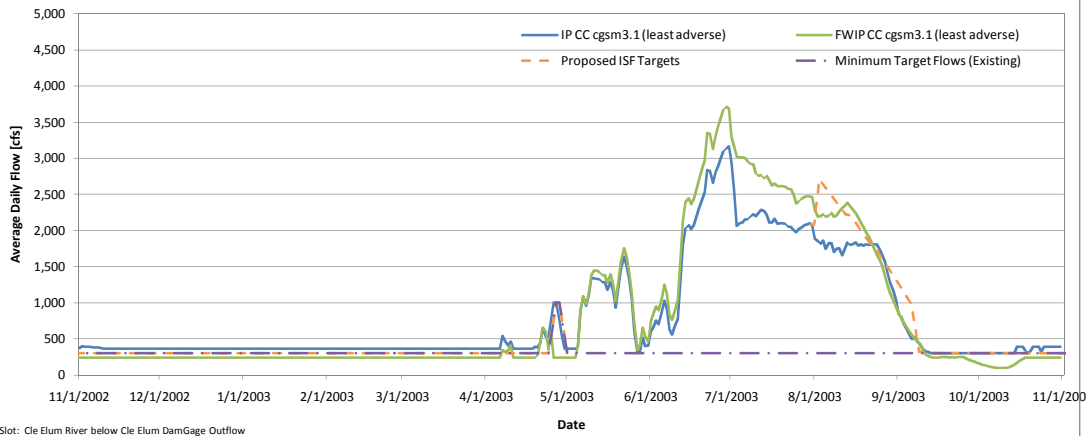
### Yakima River - Easton Reach Average Flows (WY 2003)



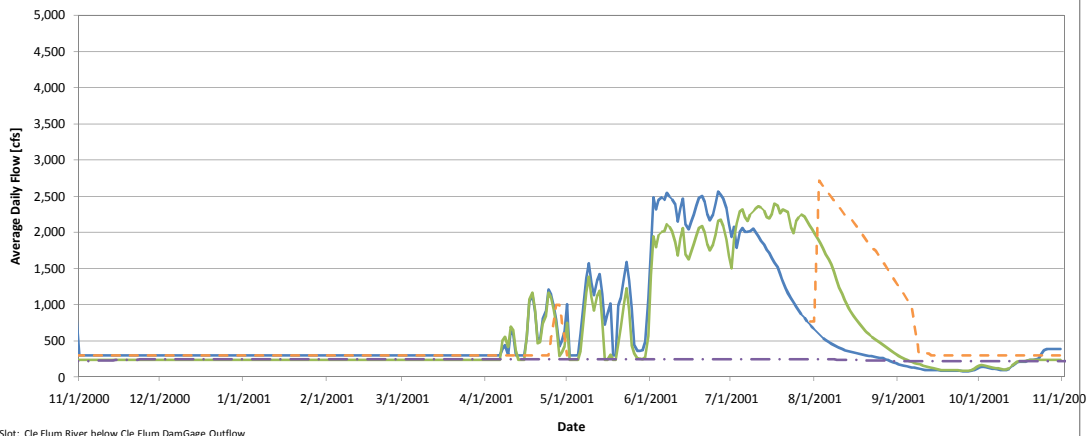
### Yakima River - Easton Reach Drought Flows (WY 2001)



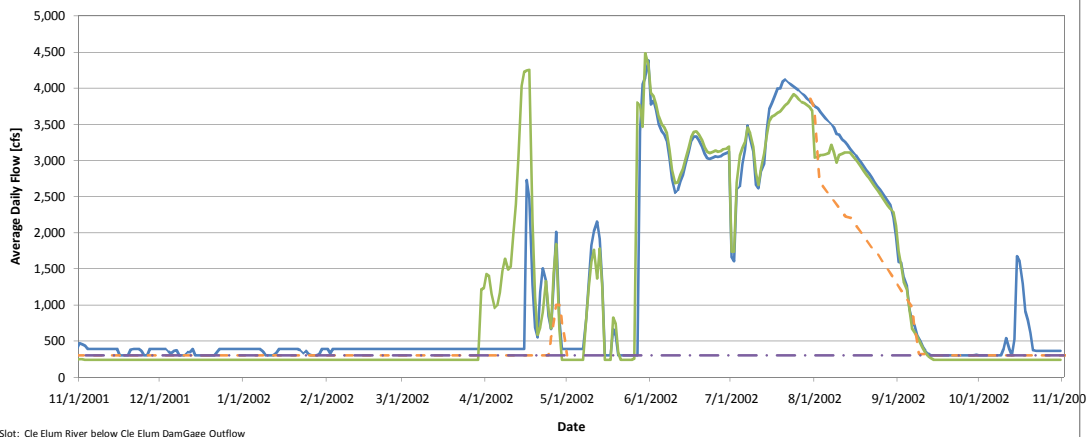
### Cle Elum River Average Flows (WY 2003)

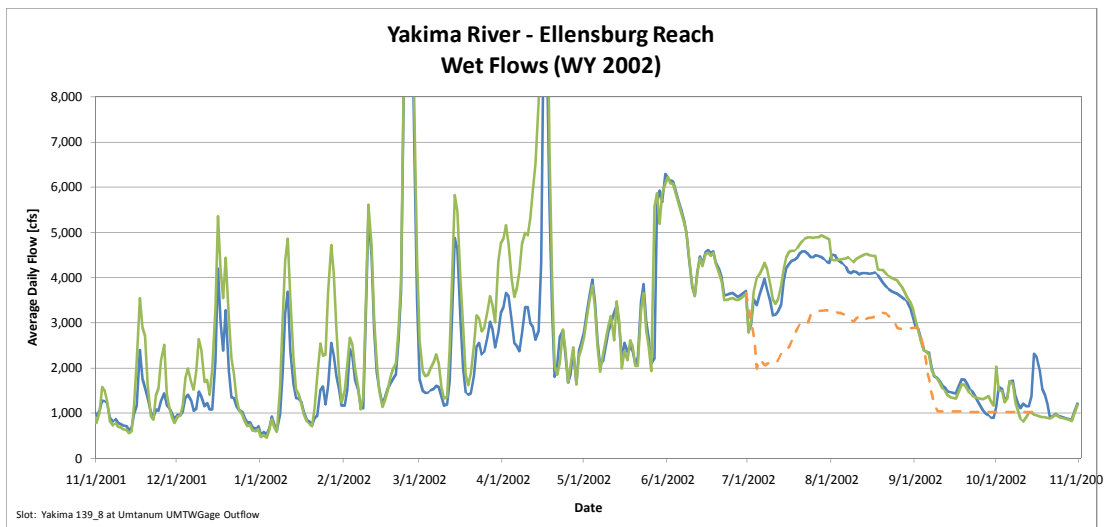
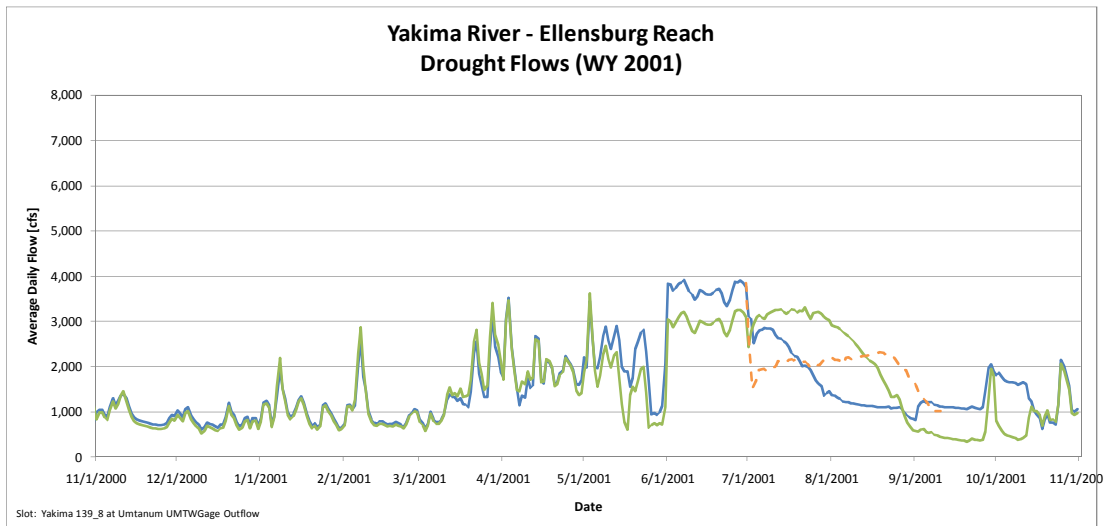
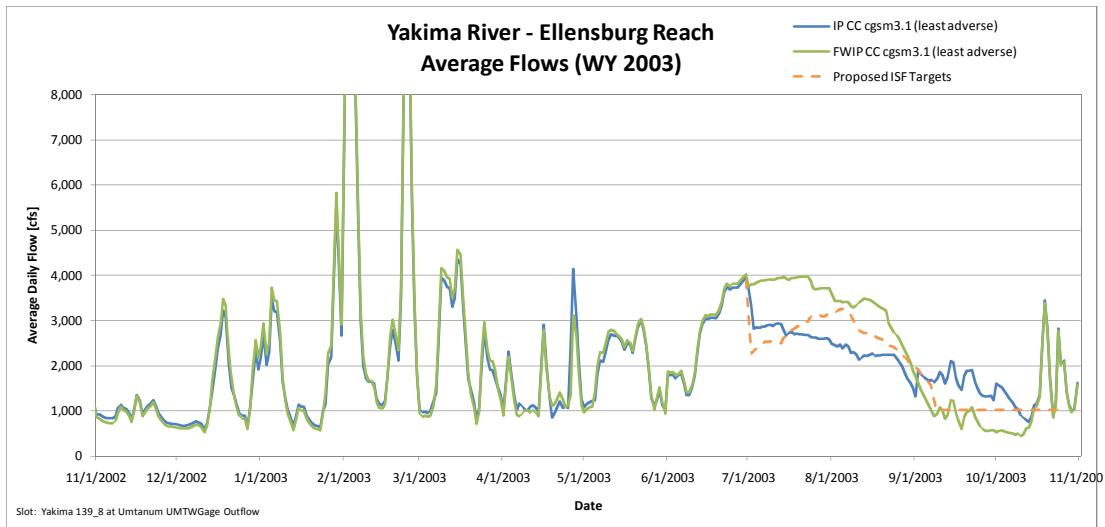


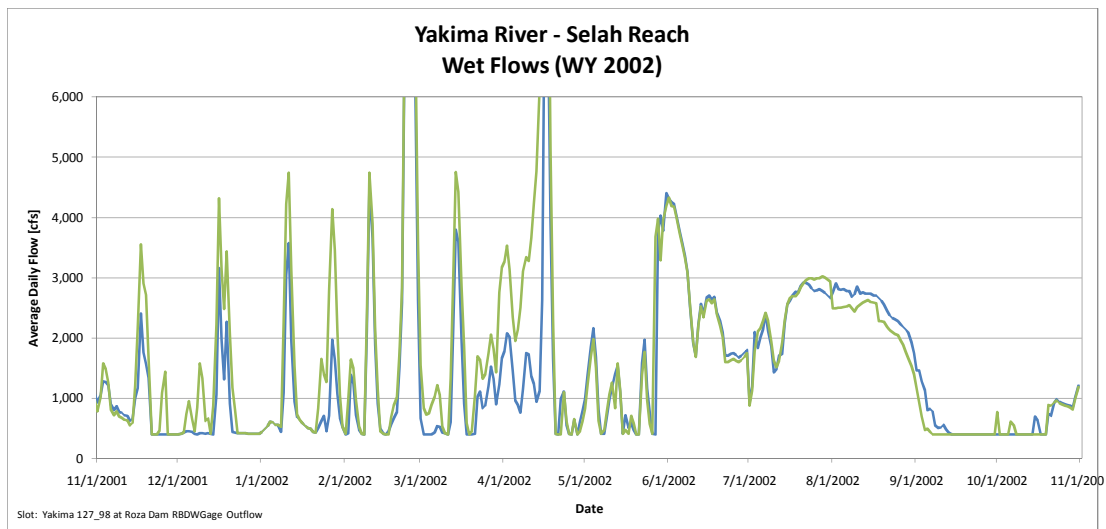
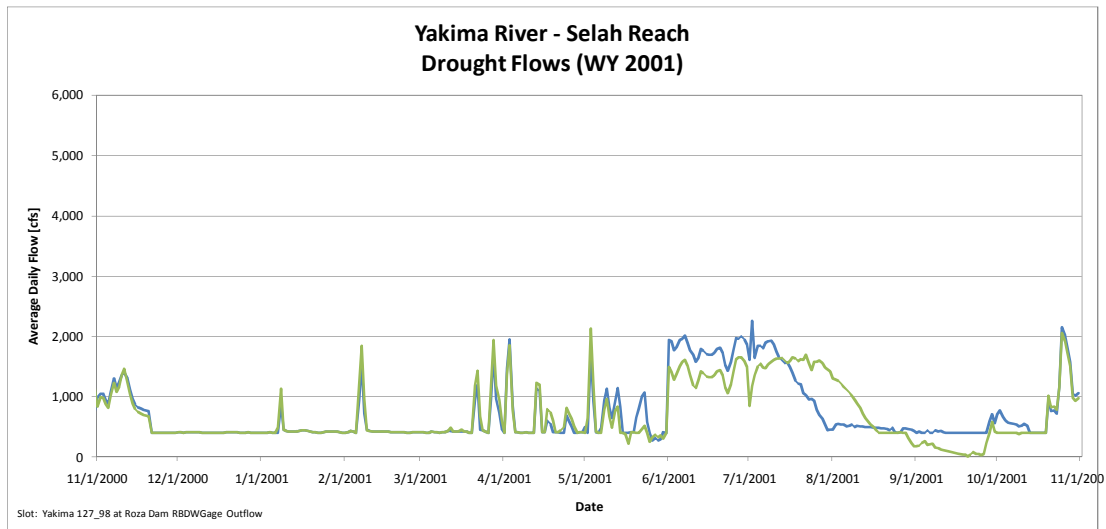
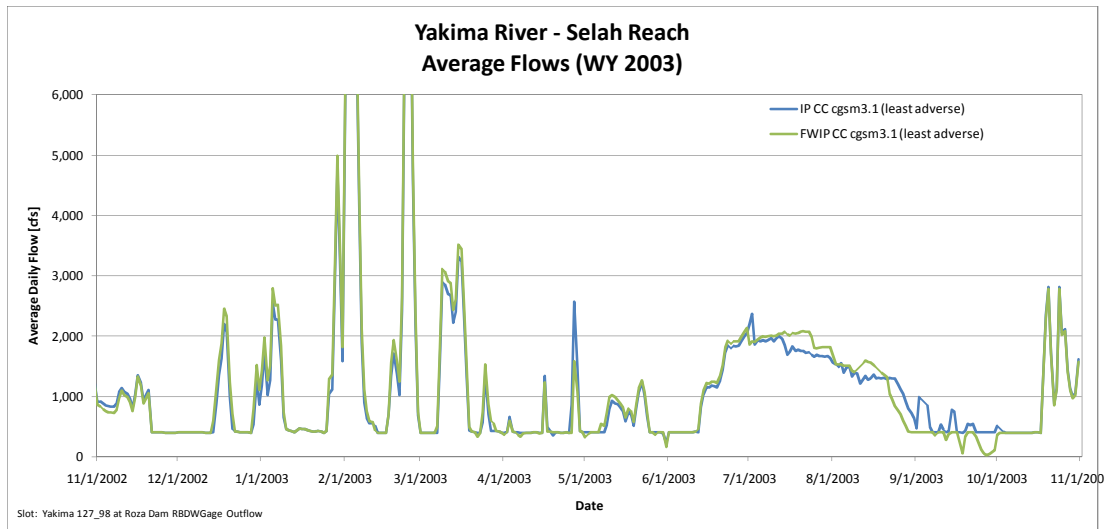
### Cle Elum River Drought Flows (WY 2001)

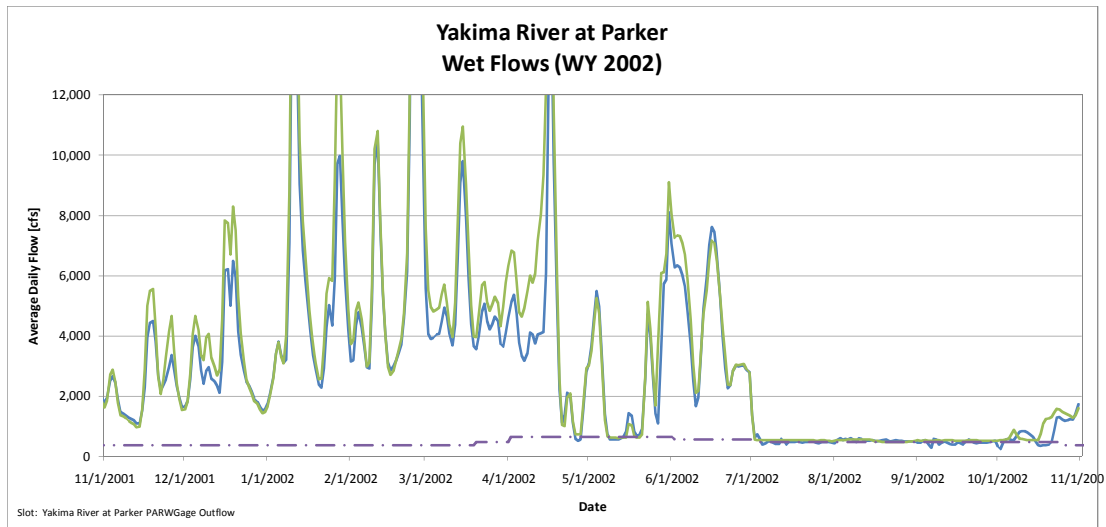
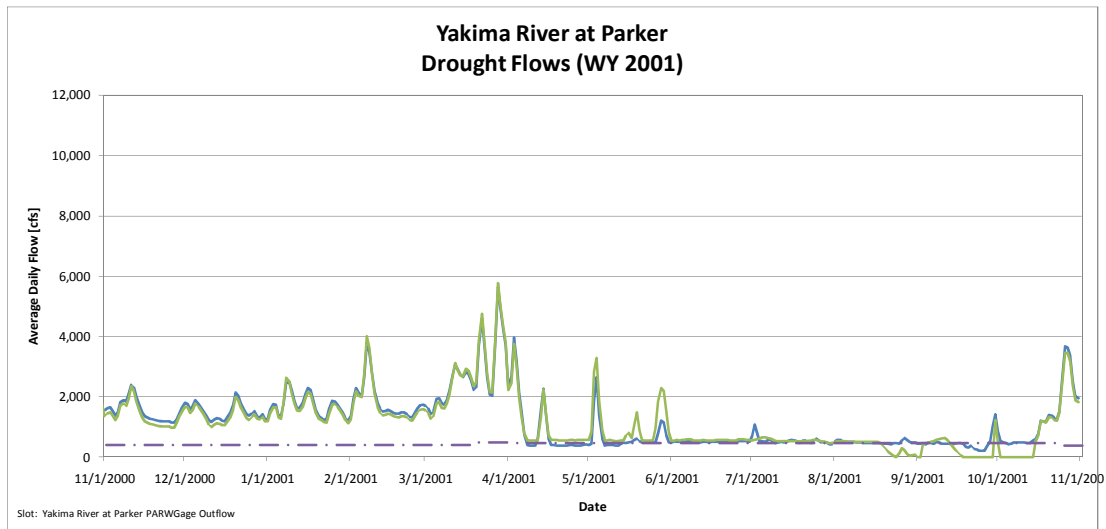
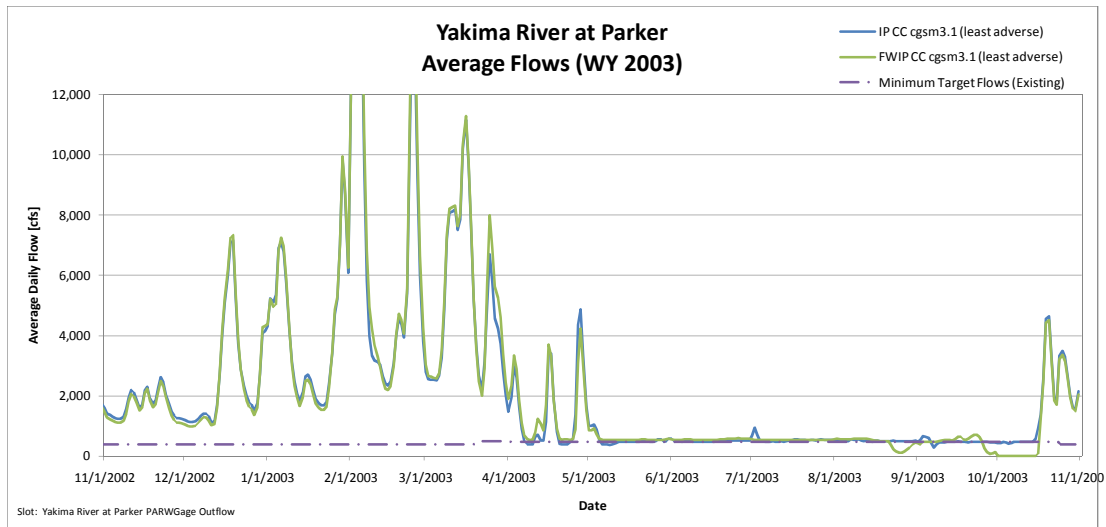


### Cle Elum River Wet Flows (WY 2002)

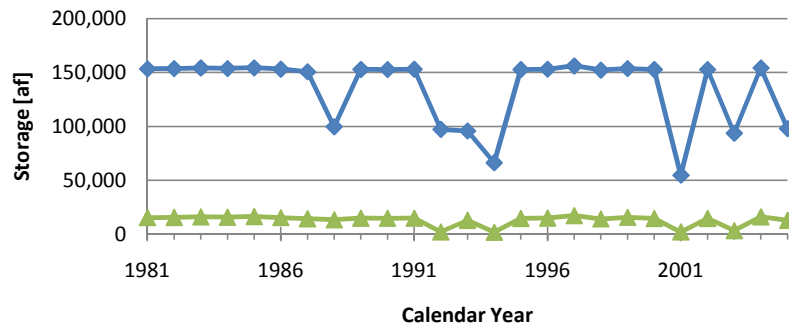






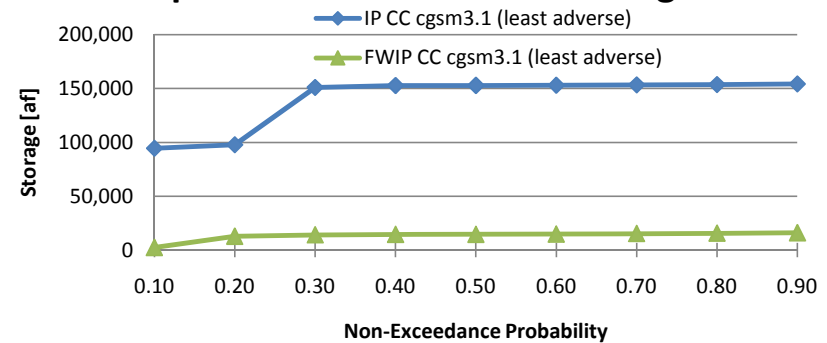


### Bumping Reservoir September End of Month Storage



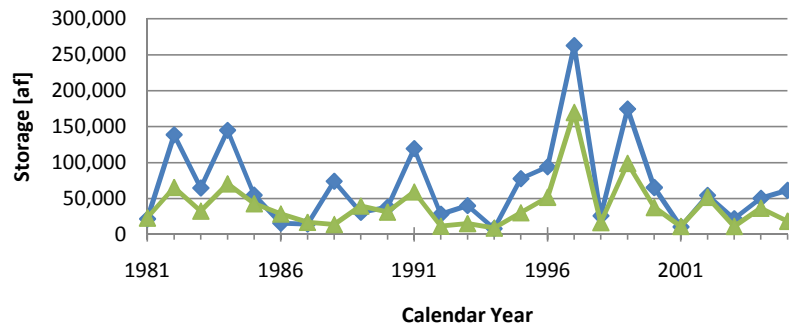
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### Bumping Reservoir September End of Month Storage



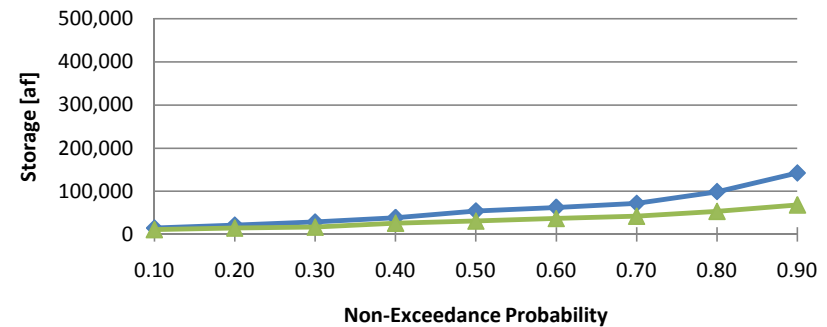
Slot: BumpingReservoirStorage

### Cle Elum Reservoir September End of Month Storage



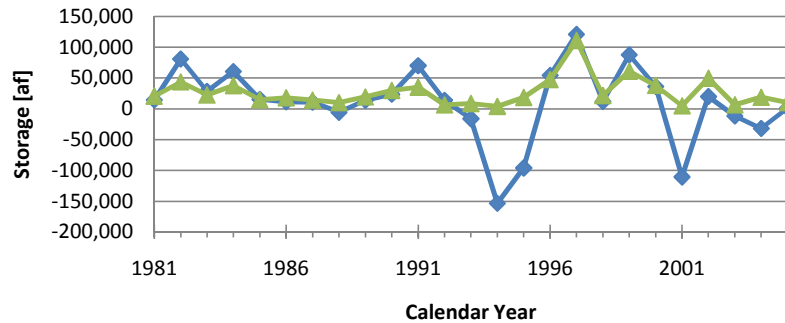
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### Cle Elum Reservoir September End of Month Storage



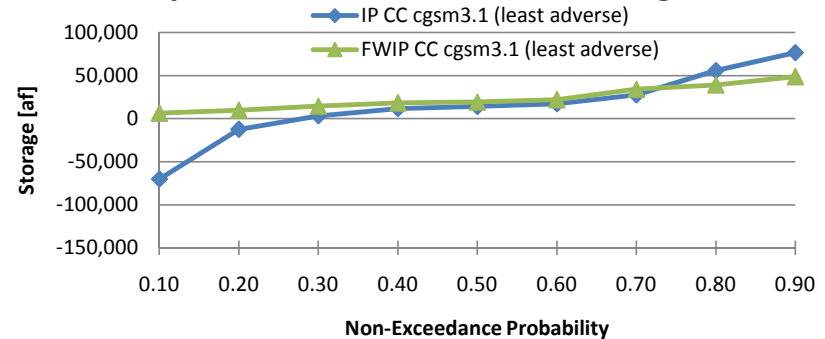
Slot: CleElumReservoirStorage

### Kachess Reservoir September End of Month Storage



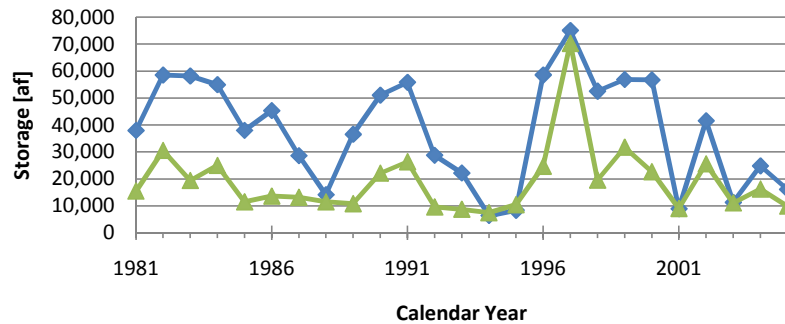
Slot: KachessReservoirStorage - Dead Storage

### Kachess Reservoir September End of Month Storage



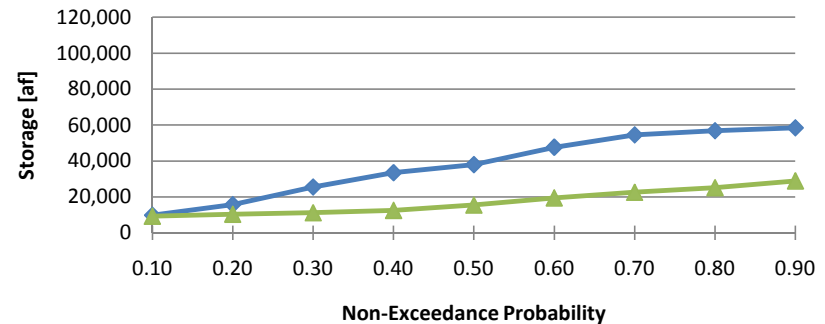
Slot: KachessReservoirStorage - Dead Storage

### Keechelus Reservoir September End of Month Storage



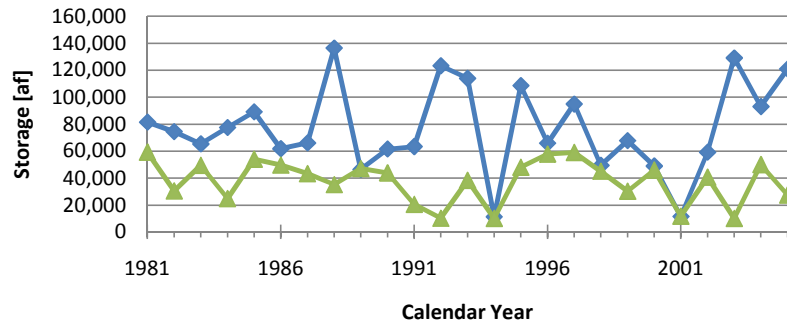
Slot: KeechelusReservoirStorage

### Keechelus Reservoir September End of Month Storage



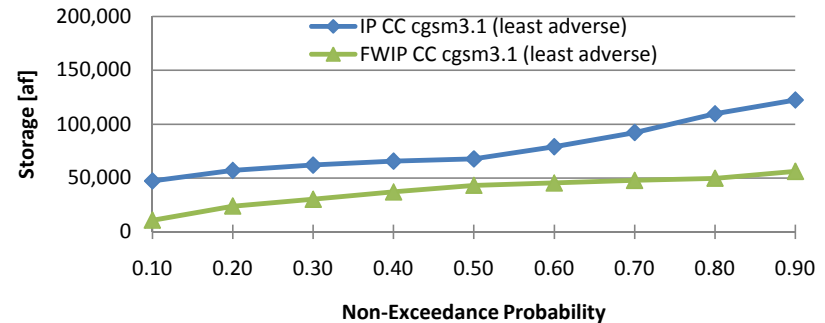
Slot: KeechelusReservoirStorage

### Rimrock Reservoir September End of Month Storage



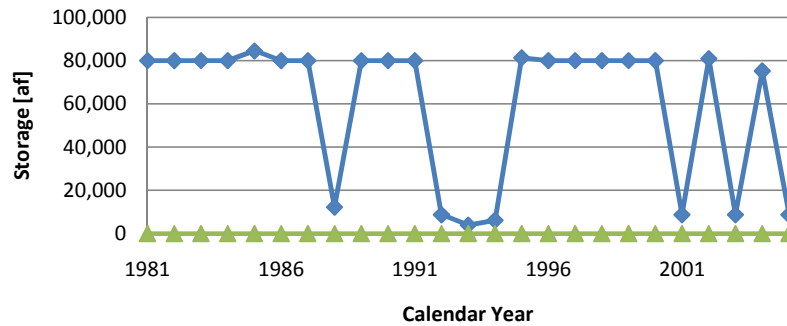
Slot: RimrockReservoirStorage

### Rimrock Reservoir September End of Month Storage



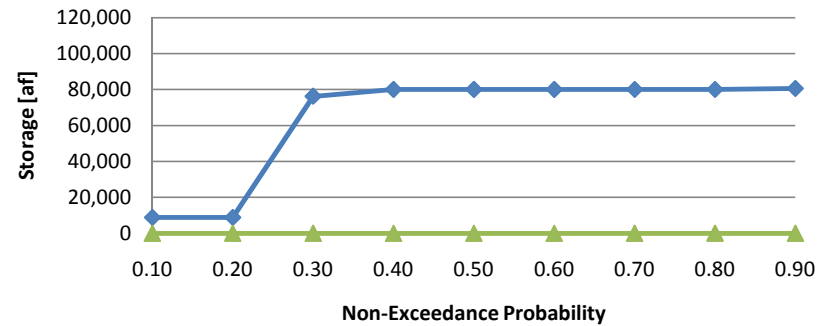
Slot: RimrockReservoirStorage

### Wymer Reservoir September End of Month Storage



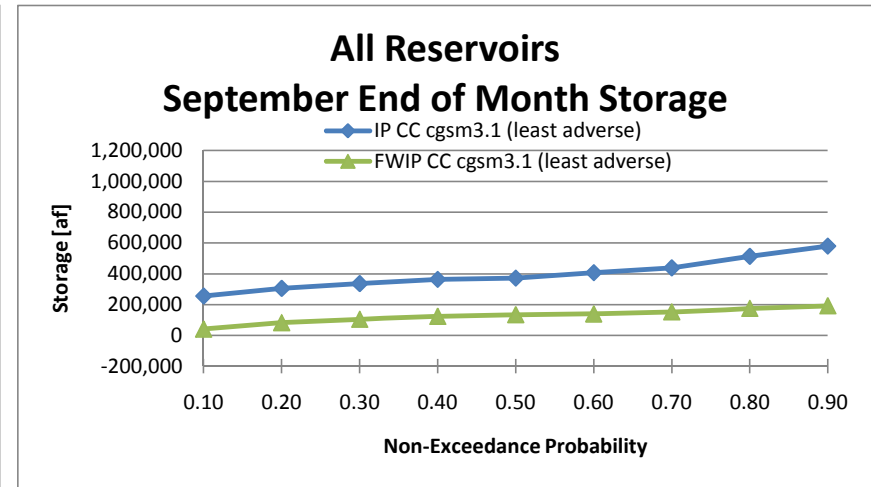
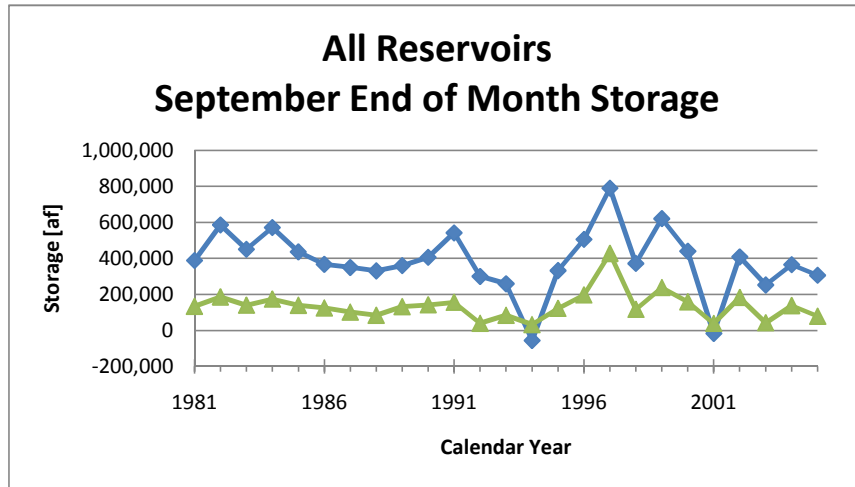
Slot: WymerReservoirStorage

### Wymer Reservoir September End of Month Storage

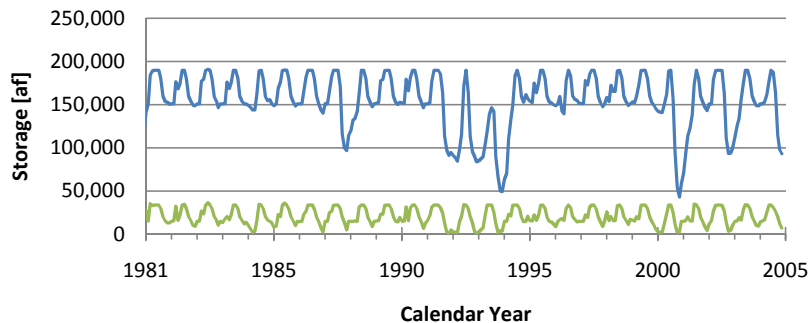


Slot: WymerReservoirStorage



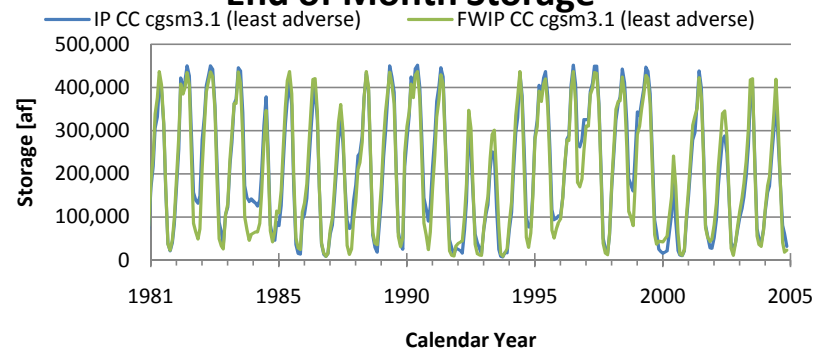


### Bumping Reservoir End of Month Storage



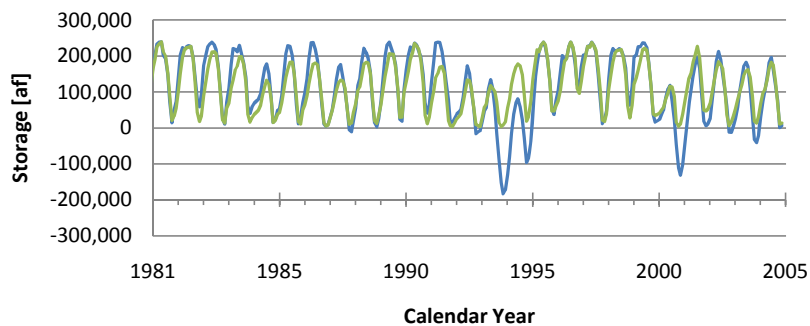
Slot: BumpingReservoirStorage

### Cle Elum Reservoir End of Month Storage



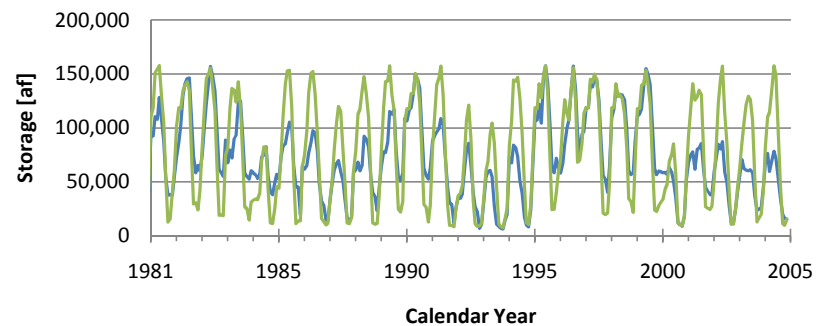
Slot: CleElumReservoirStorage

### Kachess Reservoir End of Month Storage



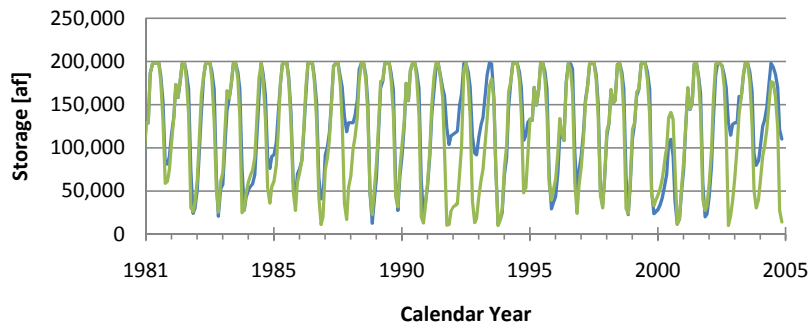
Slot: KachessReservoirStorage - Dead Storage

### Keechelus Reservoir End of Month Storage

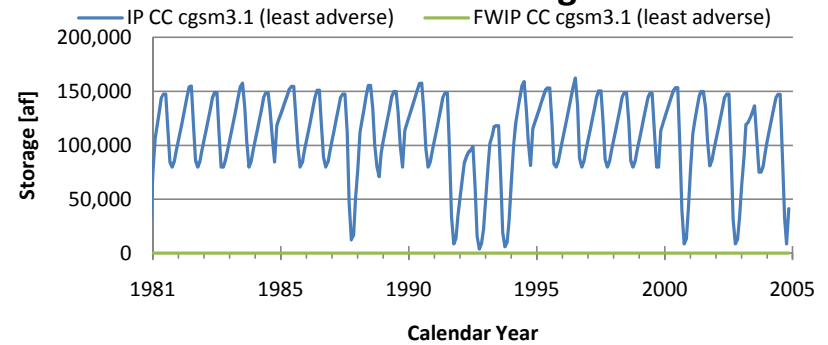


Slot: KeechelusReservoirStorage

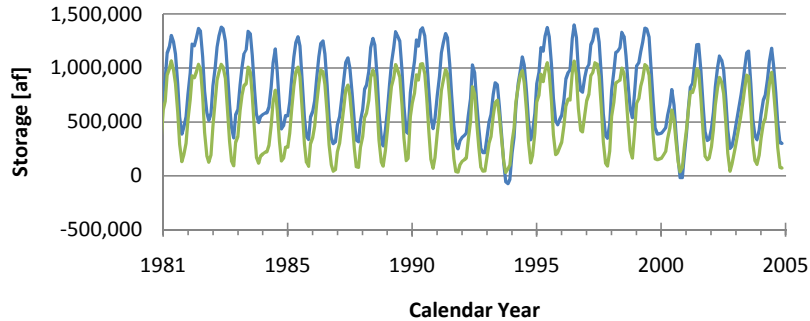
### Rimrock Reservoir End of Month Storage



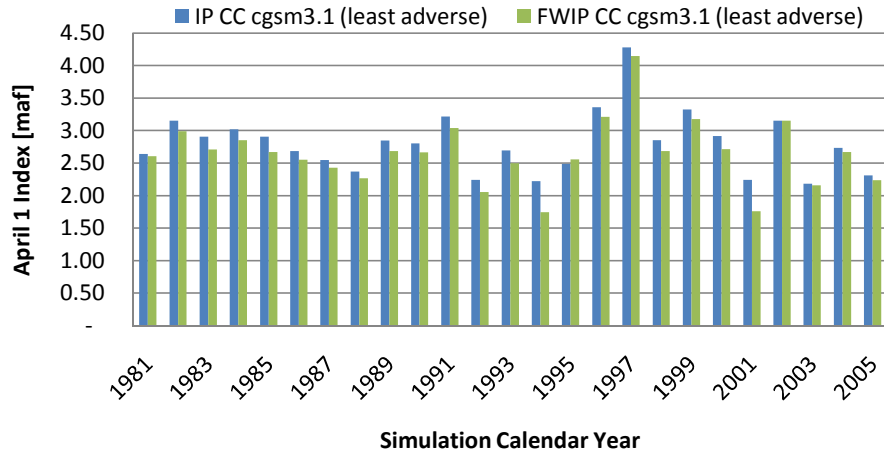
### Wymer Reservoir End of Month Storage



### All Reservoirs End of Month Storage

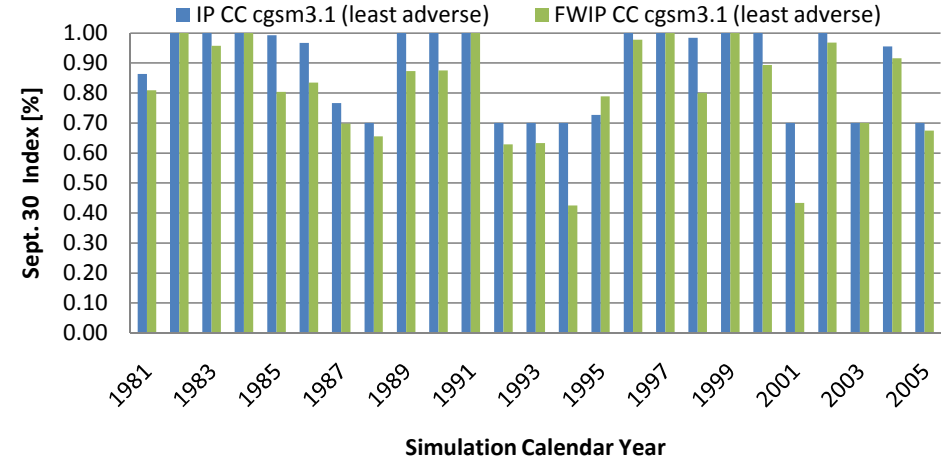


### Water Supply Index: TWSA



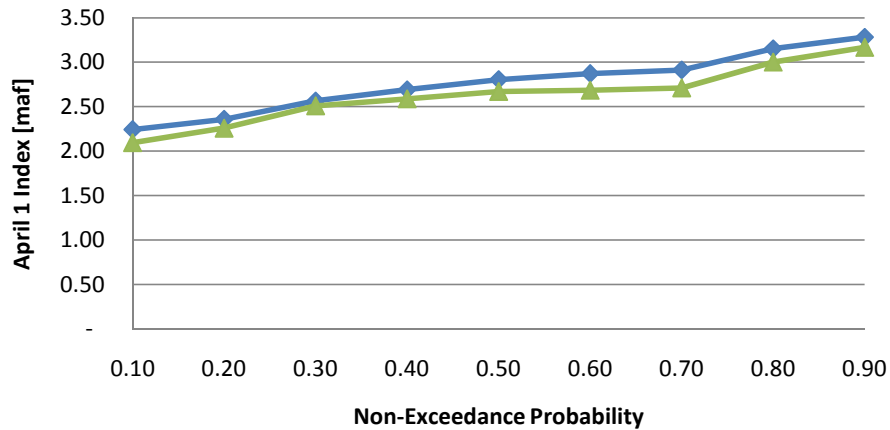
Slot: TWSA PARW\_DataDaily TWSA

### Water Supply Index: Proration



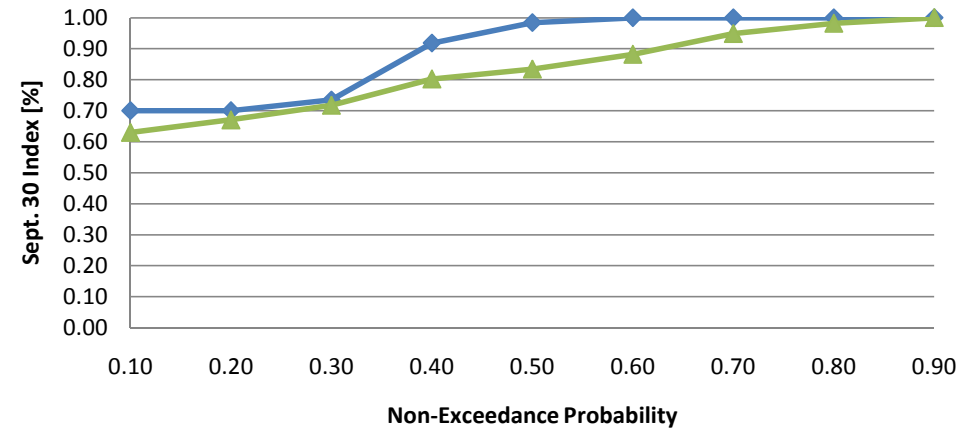
Slot: TWSA PARW\_DataDaily Proration Level

### Water Supply Index: TWSA



Slot: TWSA PARW\_DataDaily TWSA

### Water Supply Index: Proration



Slot: TWSA PARW\_DataDaily Proration Level

