

RECLAMATION

Managing Water in the West

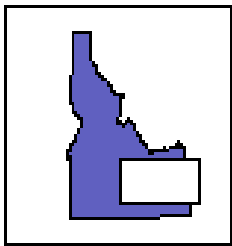
Idaho Water Supply Committee Meeting

Upper Snake Reservoir Operations
February 13, 2015

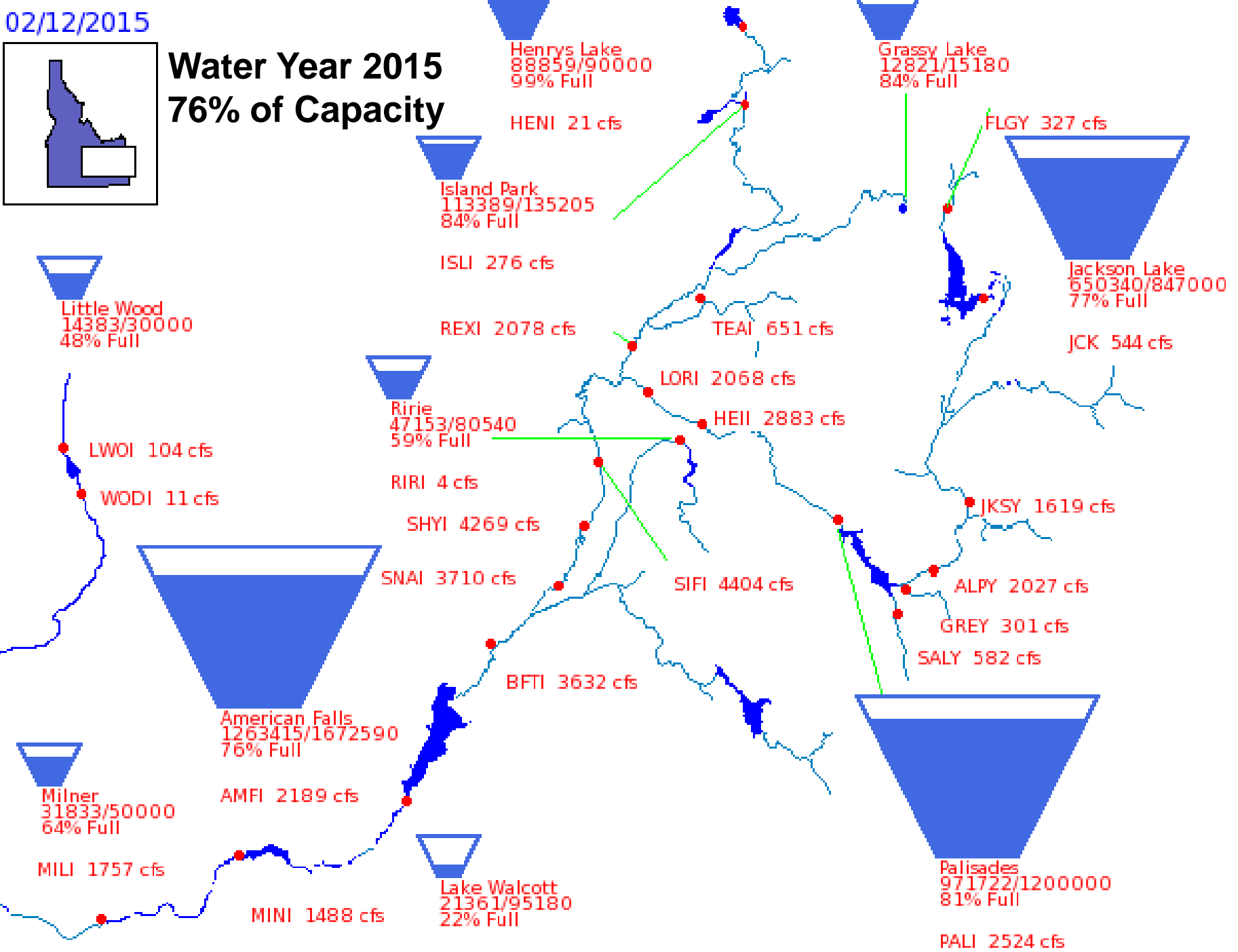


U.S. Department of the Interior
Bureau of Reclamation

02/12/2015



Water Year 2015 76% of Capacity



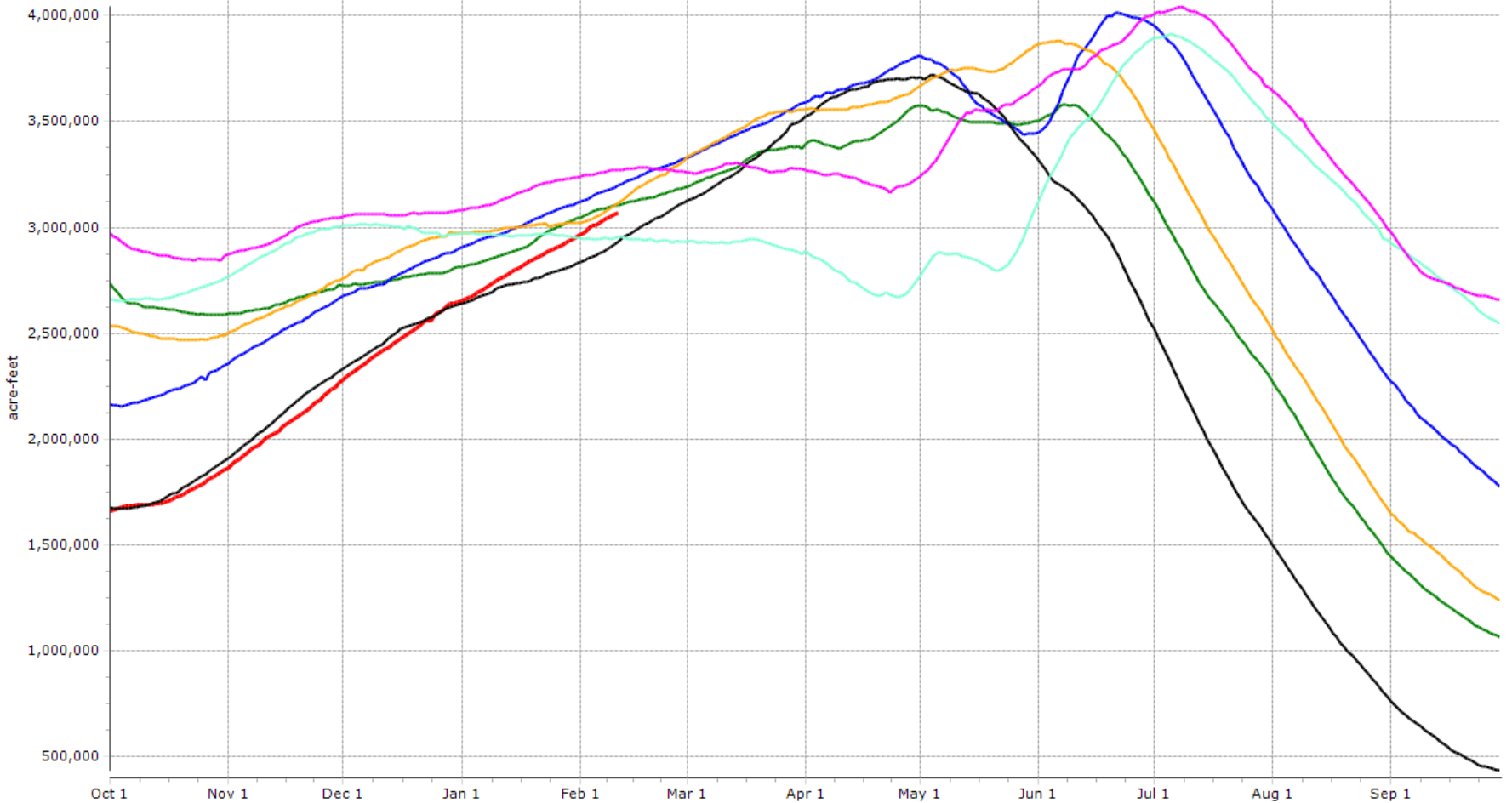
Coordinated Forecast Month-July

- **January Forecast 109% (4,130 KAF)**
 - 76% of Average Precipitation
- **February Forecast 101% (3,625 KAF)**
 - 62% of Total February Average Precipitation

Upper Snake System Storage

(4,045,695 Acre-Feet Capacity)

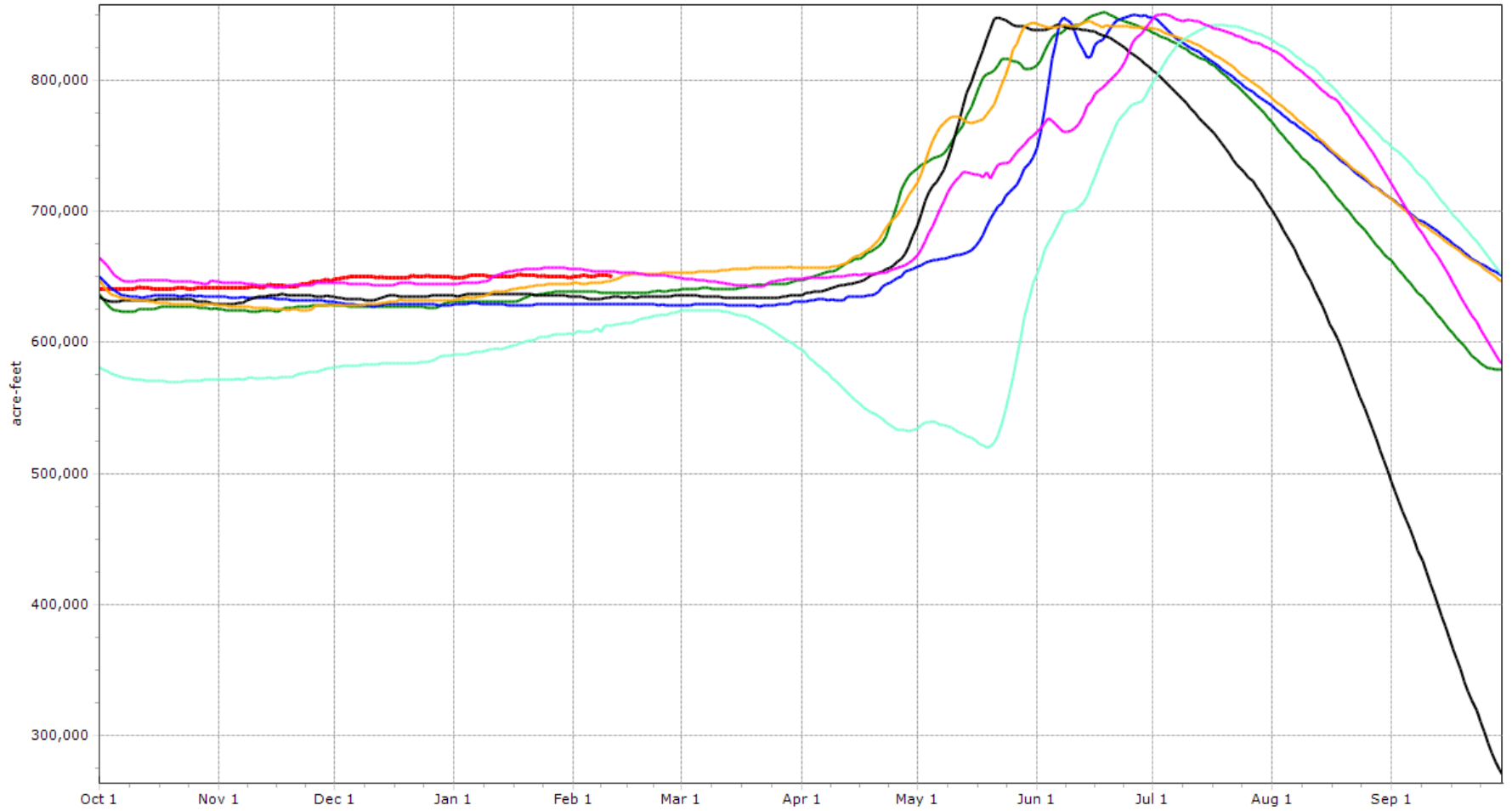
2015 2012 2010 2007 2000 1999 1998



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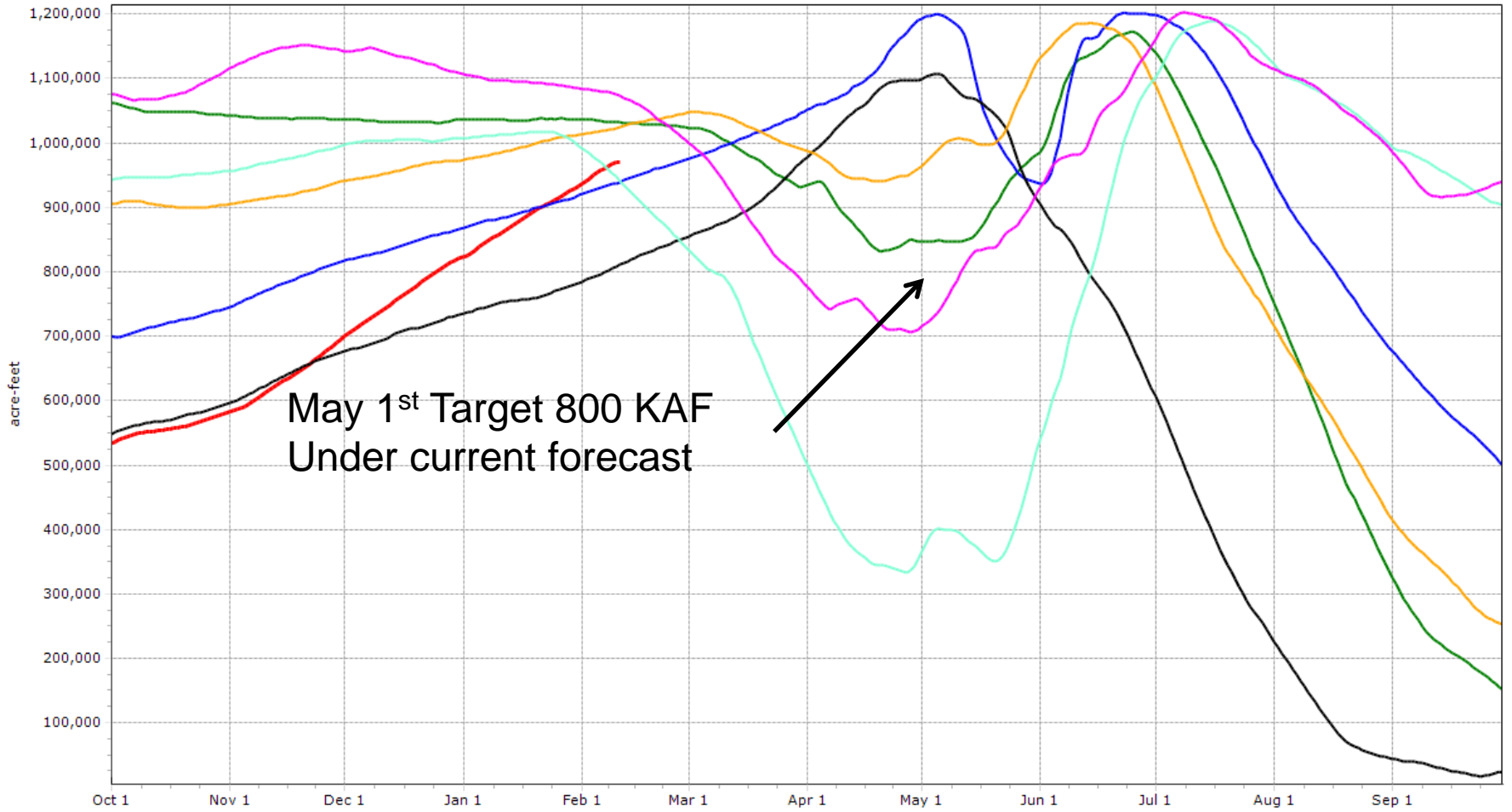
Jackson Lake (847,000 Acre-Feet Capacity)

2015 2012 2010 2007 2000 1999 1998



Palisades Reservoir
(1,200,000 Acre-Feet Capacity)

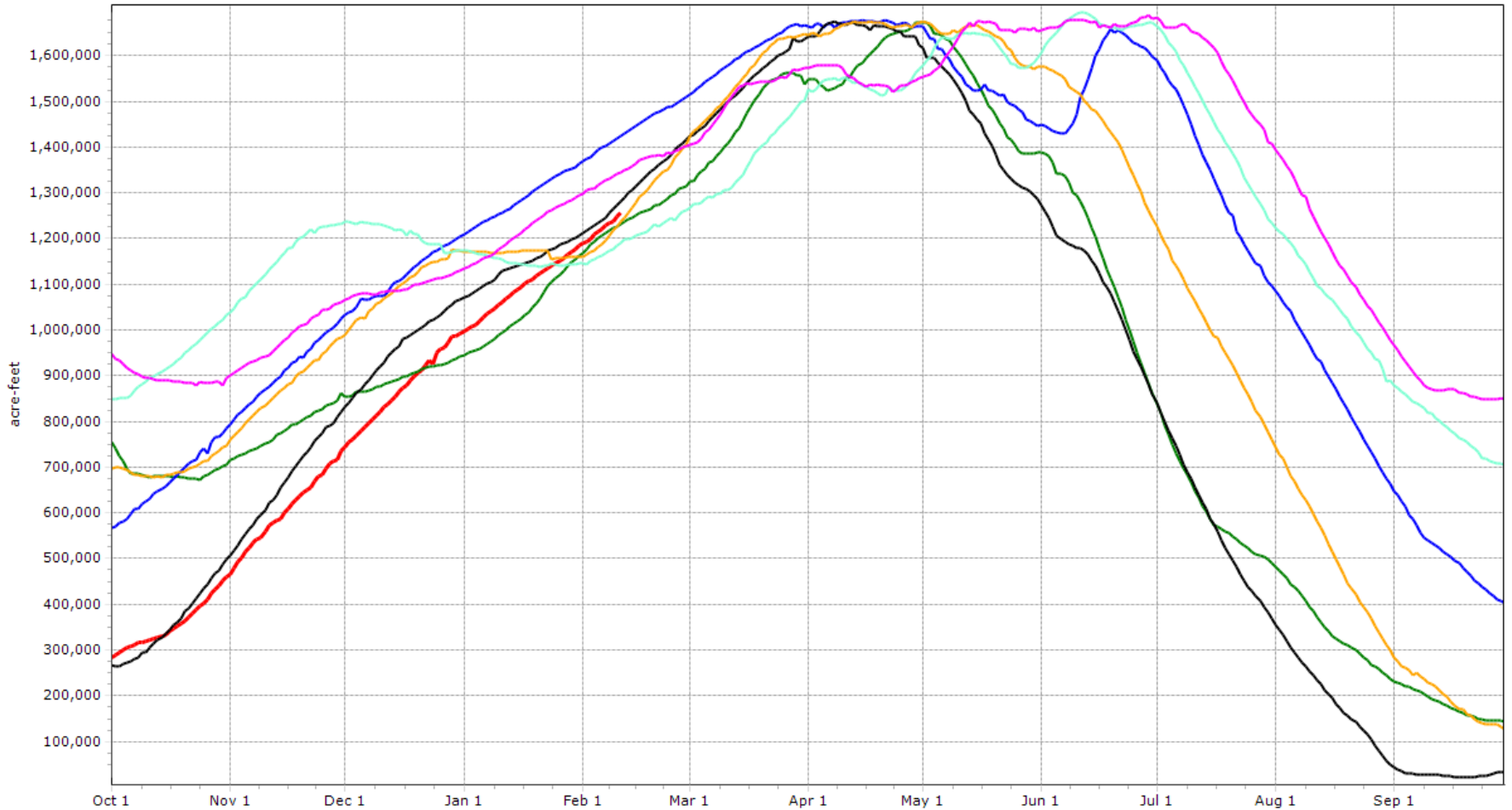
2015 2012 2010 2007 2000 1999 1998



May 1st Target 800 KAF
Under current forecast

American Falls (1,672,590 Acre-Feet Capacity)

2015 2012 2010 2007 2000 1999 1998

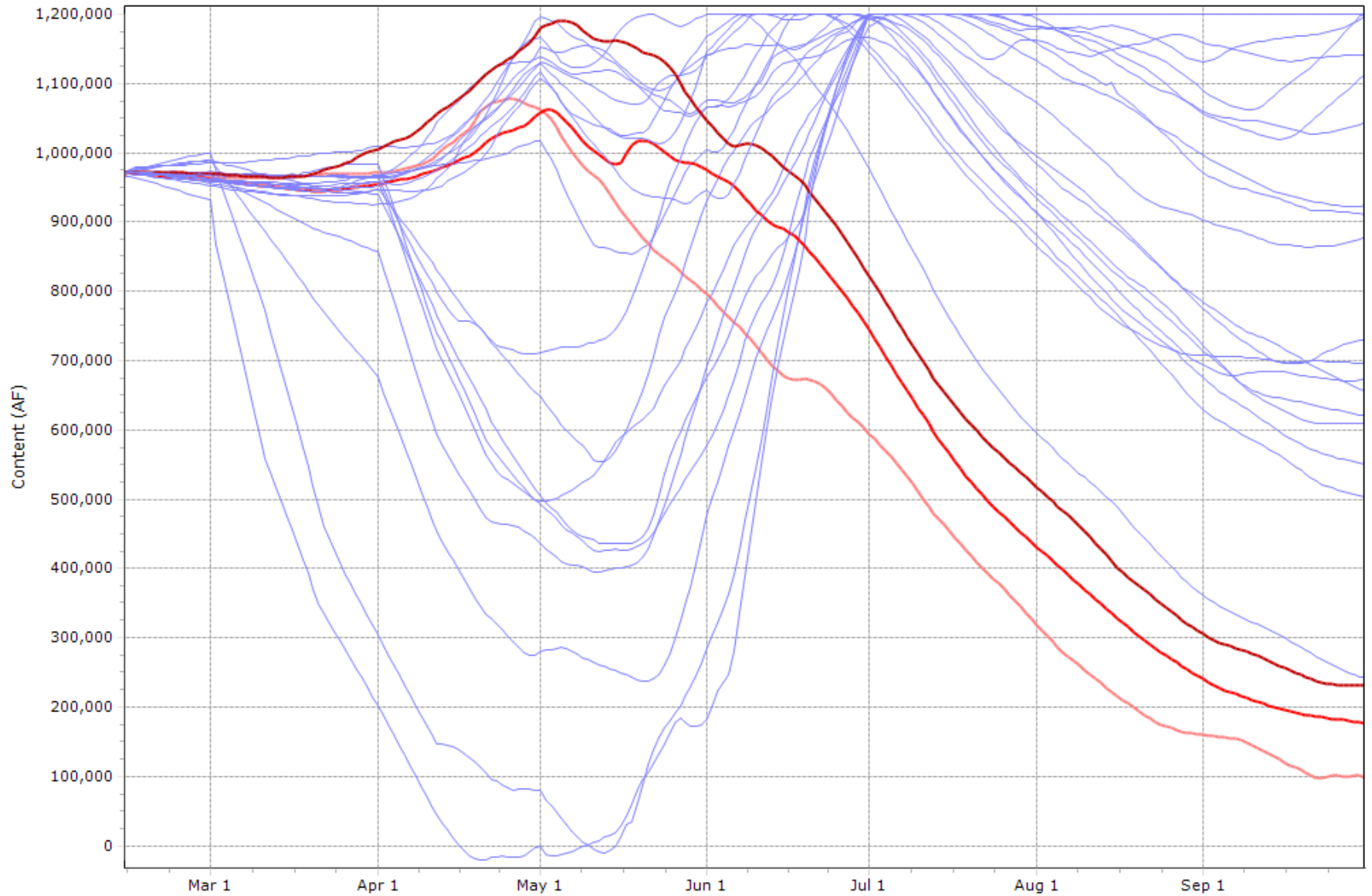
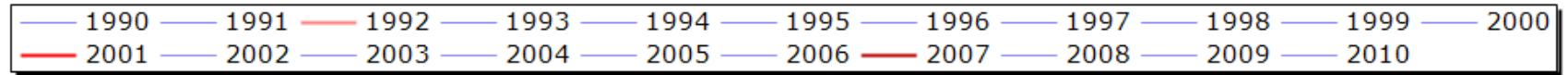


Modeling Study

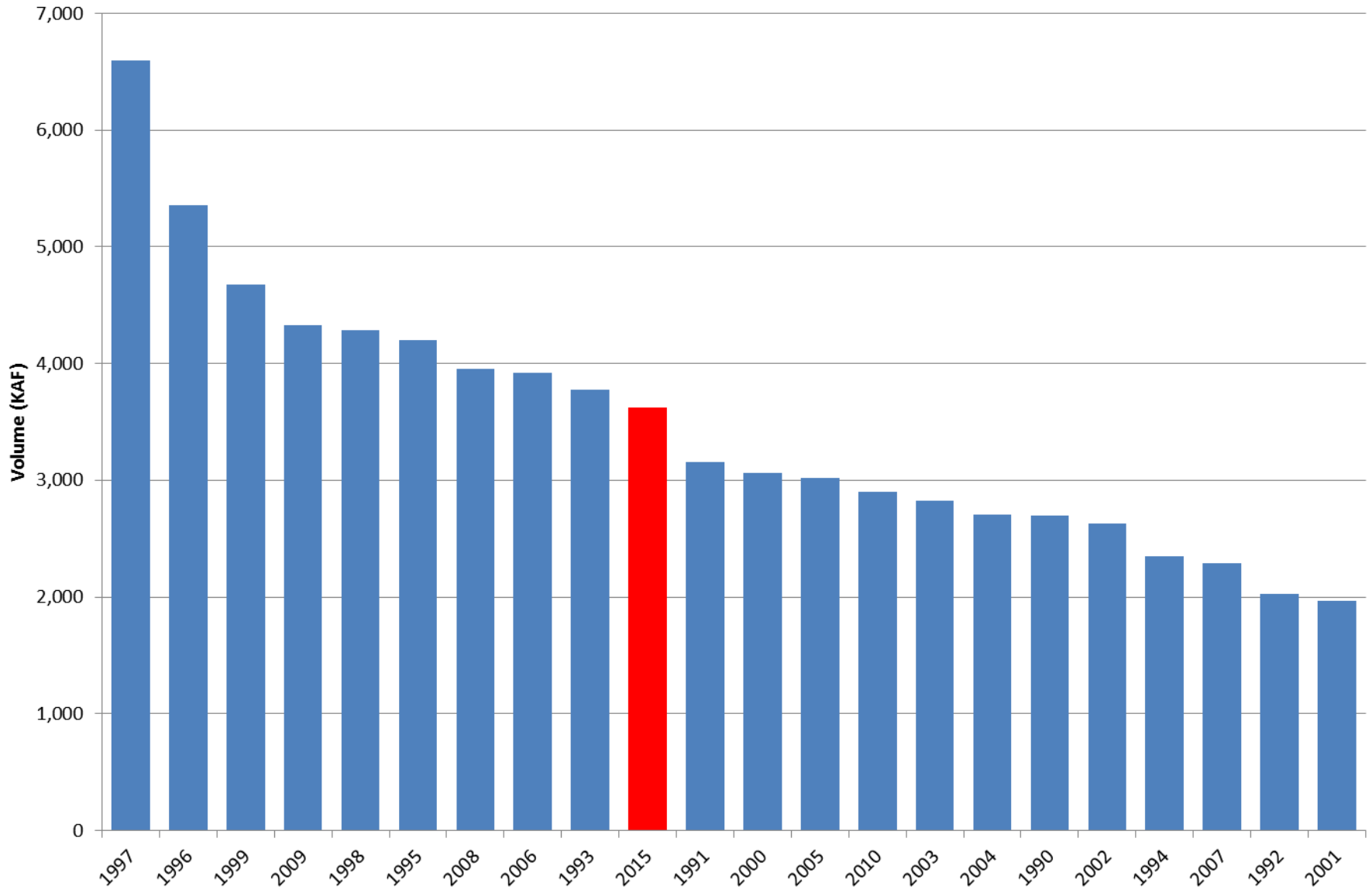
- Ran 1990-2010 inflows and routed through Upper Snake Operations Model
- Set outflow of Palisades to 2,500 cfs through March
- Results
 - Jackson physically fills in 21 out of 21 Years
 - Palisades physically fills in 18 out of 21 Years
 - American Falls physically fills in 21 out of 21 Years

Palisades

(1,200,000 Acre-Feet Capacity)



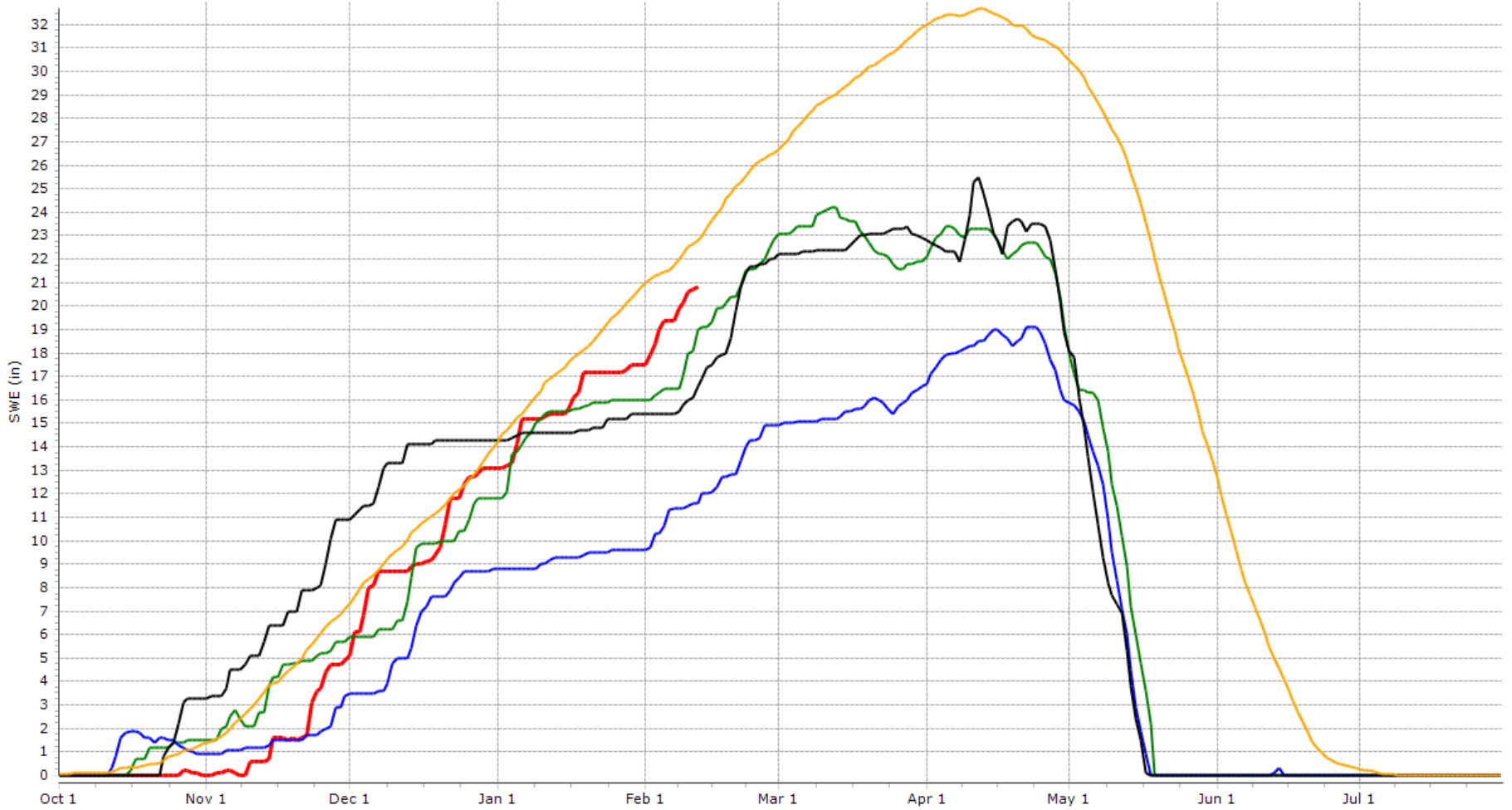
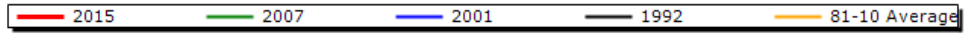
Snake River near Heise Runoff Volume 1990-2010



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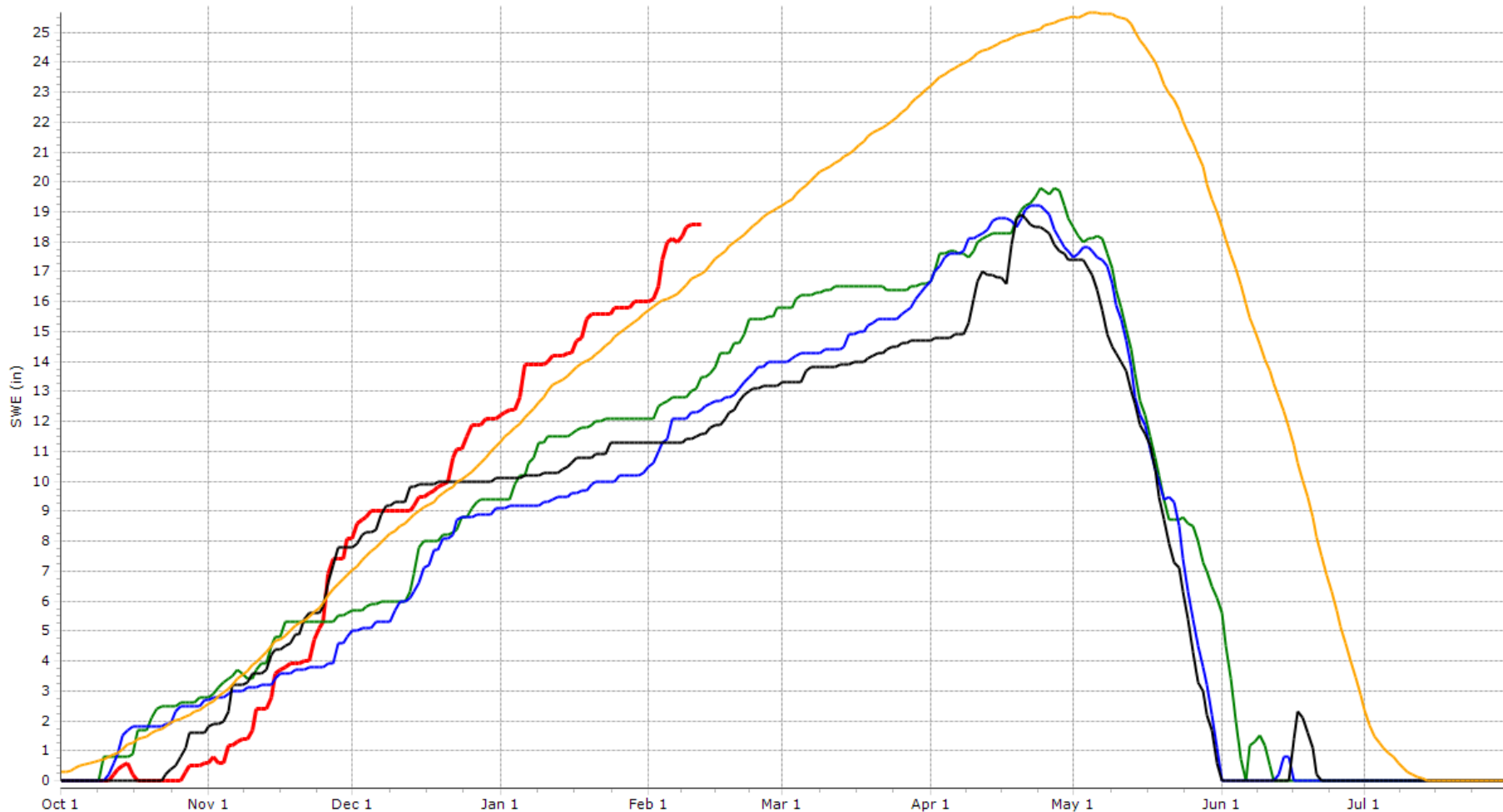
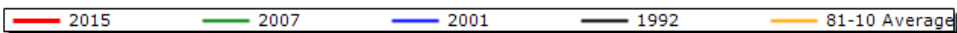
LEWIS LAKE DIVIDE

Elevation: 7850 ft



TOGWOTEE PASS

Elevation: 9580 ft



Conclusions

- **System Storage Remains High**
 - High probability of filling the system
- **Snow Accumulation Above Average**
 - Coordinated Forecast 101%
- **The system is in a good position for whatever future conditions exist**
 - Precipitation could cause increased releases
 - Short-term no precipitation could cause no changes
 - Long-term no precipitation could cause decreased releases