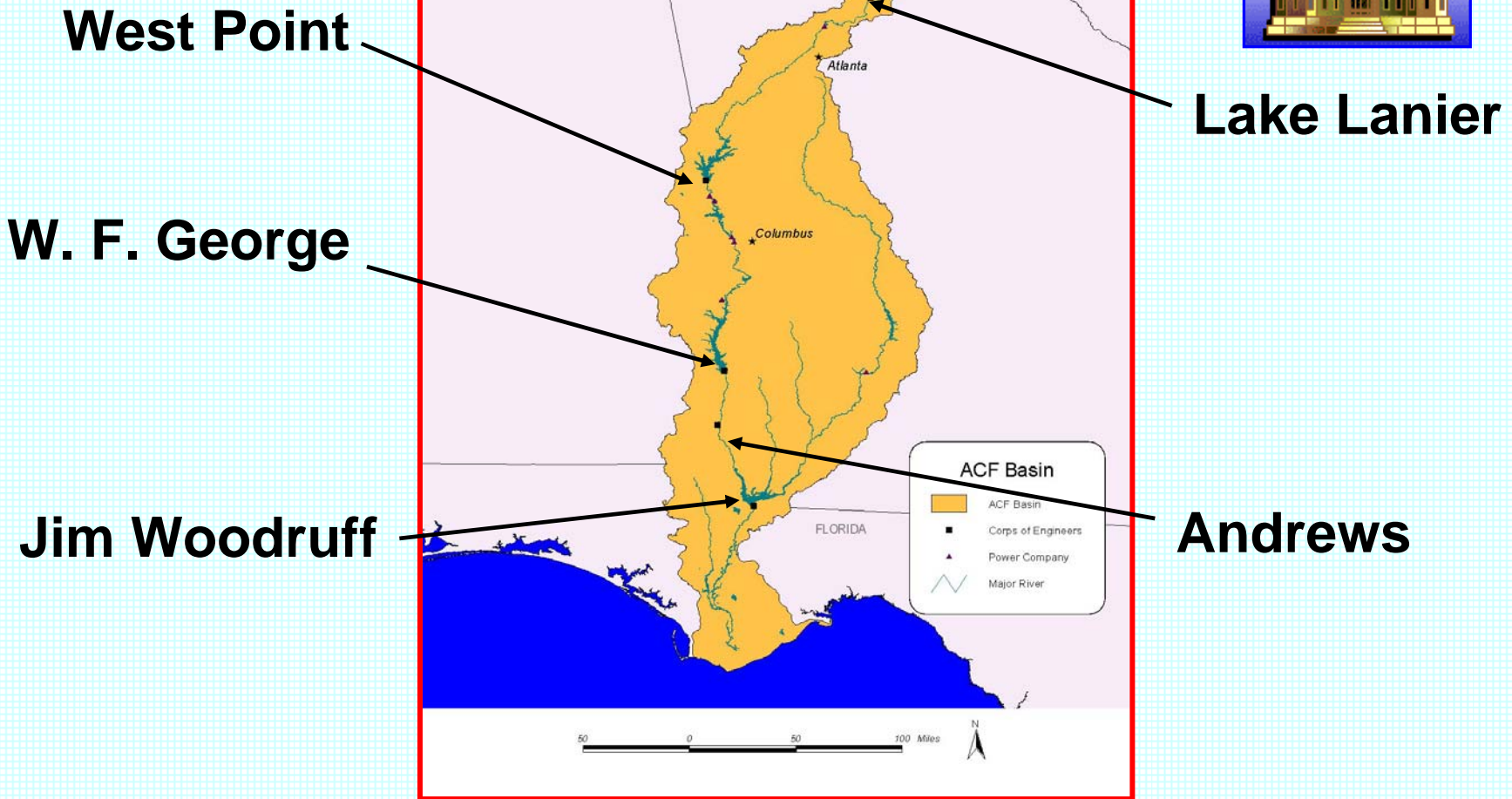


ACF Basin



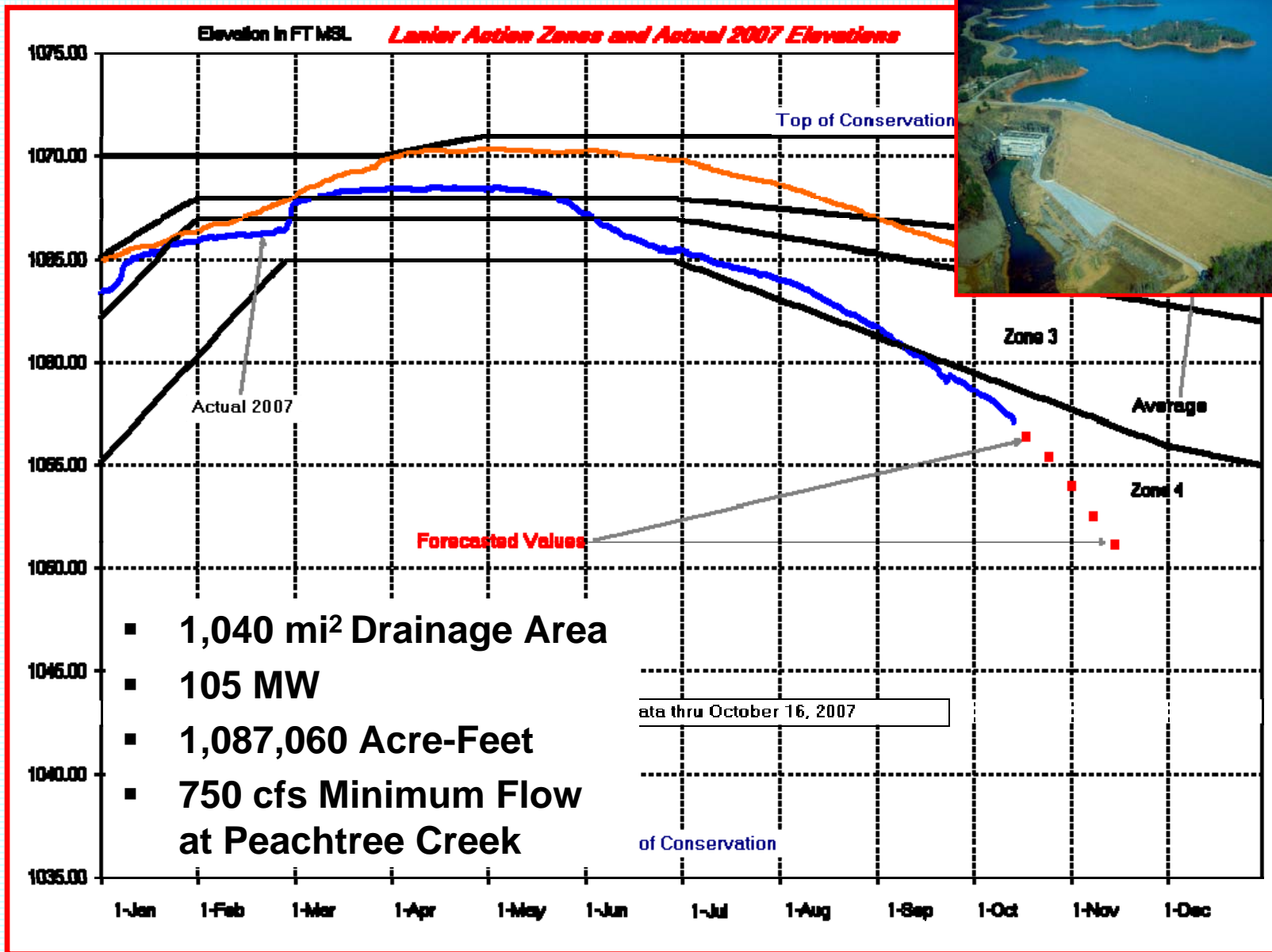
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Lake Lanier



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Lake Lanier



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**Currently 14 ½ - feet below
Summer Pool**



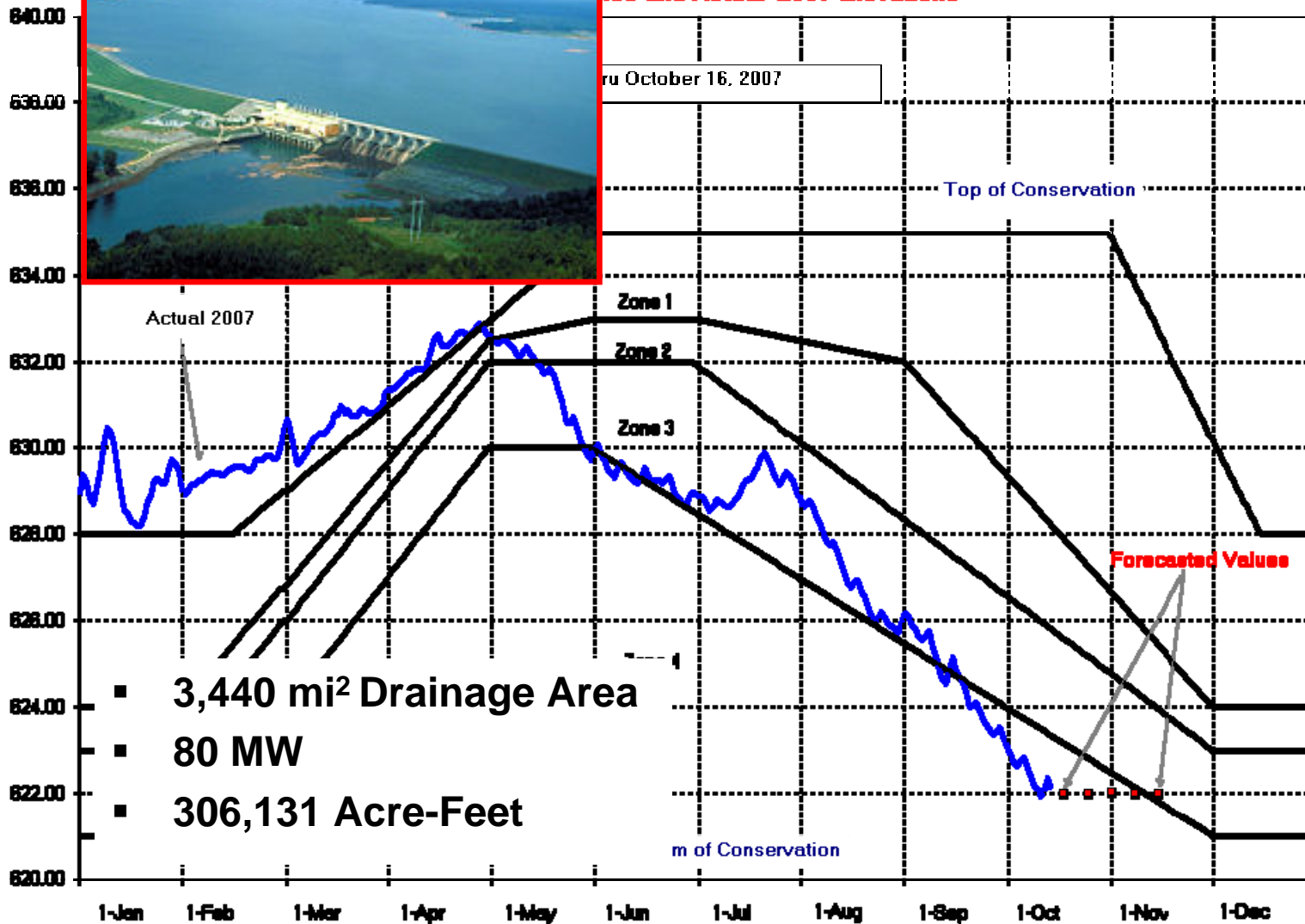
West Point



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Reservoir and Actual 2007 Elevations



West Point



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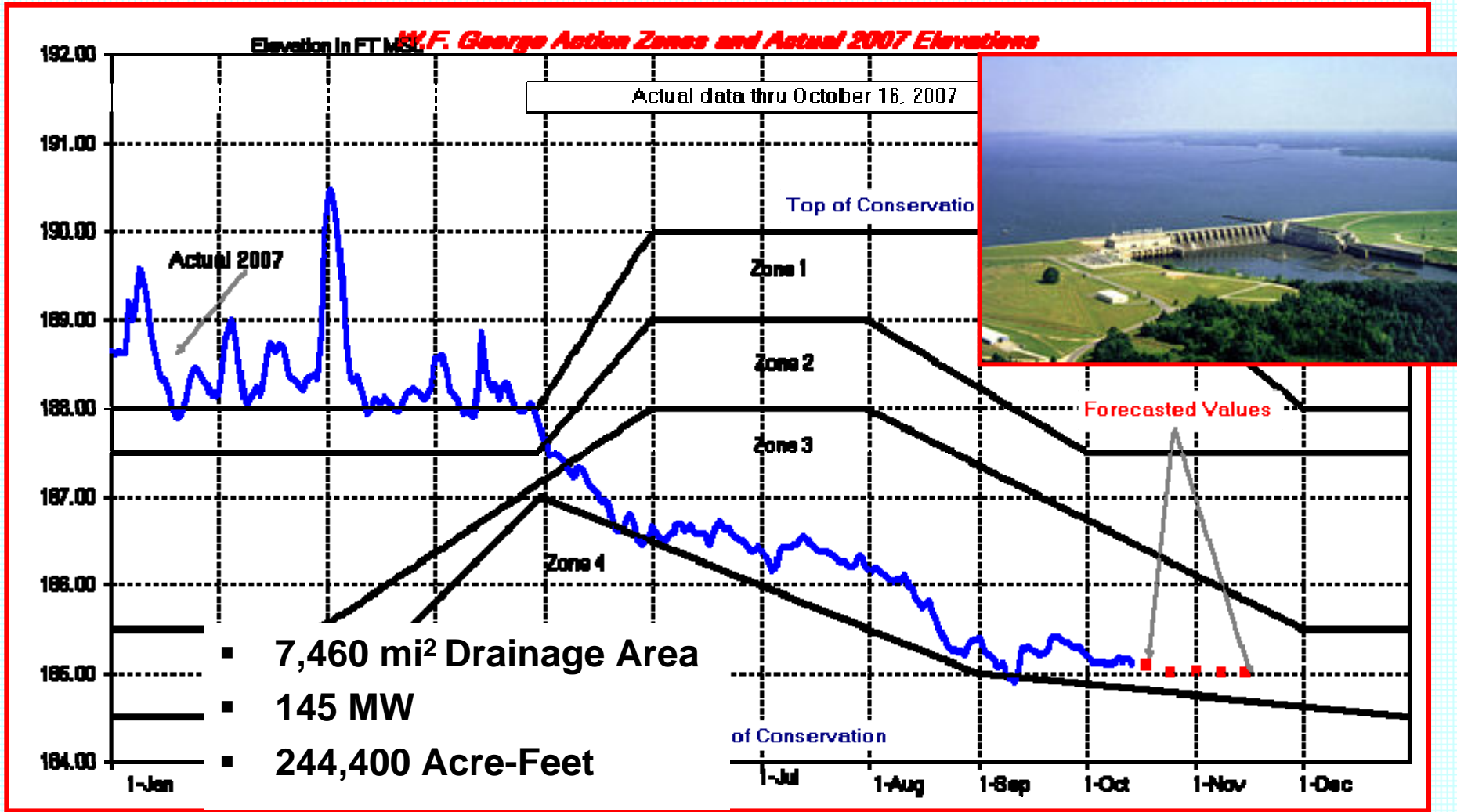
Currently 13 – feet
below Summer Pool



W. F. George



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W. F. George



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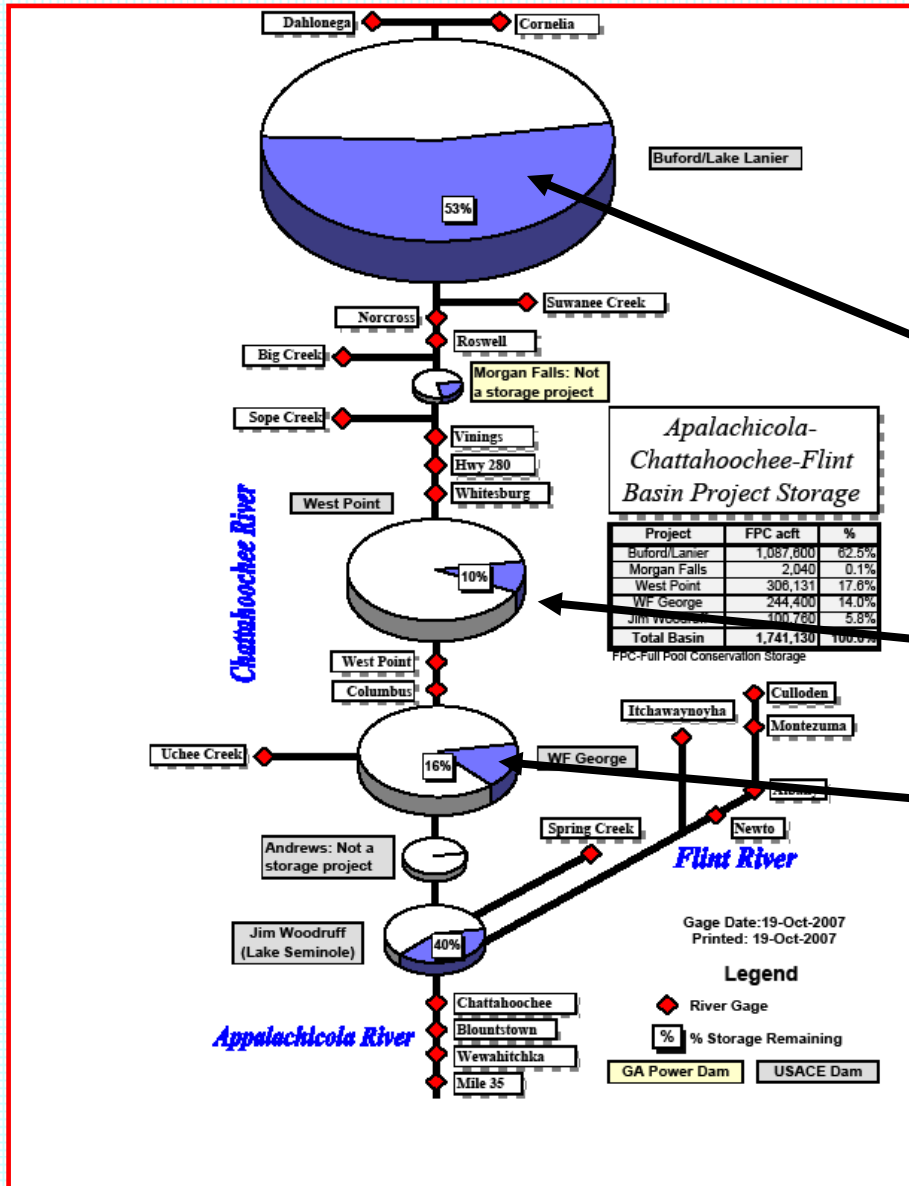
**Currently 5 - feet below
Summer Pool**



Reservoir Storage



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Basin Storage

62.5% - Lake Lanier
Only 6% of Drainage Area!

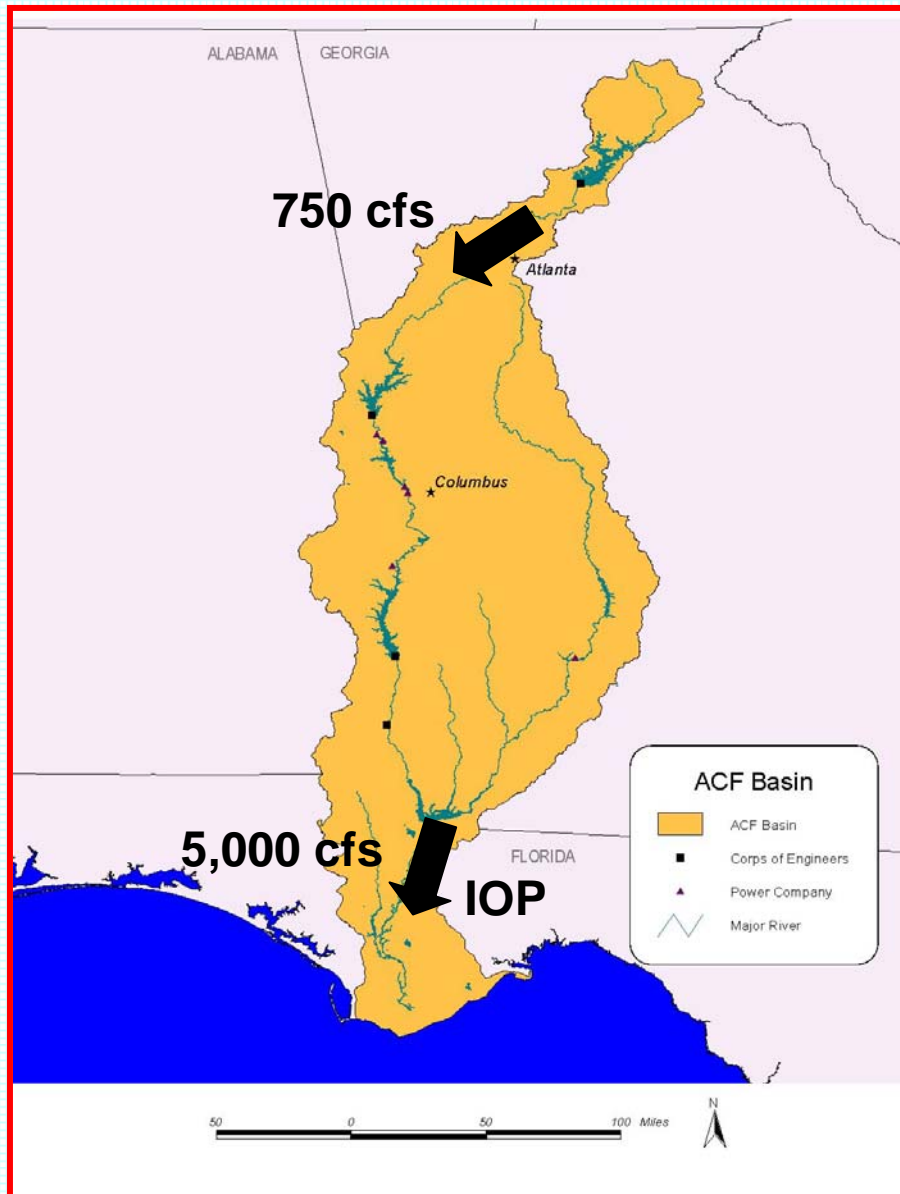
17.6% - West Point

14% - W. F. George

Minimum Flow Requirements



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- In addition, individual projects normally have minimum at-site flow requirements

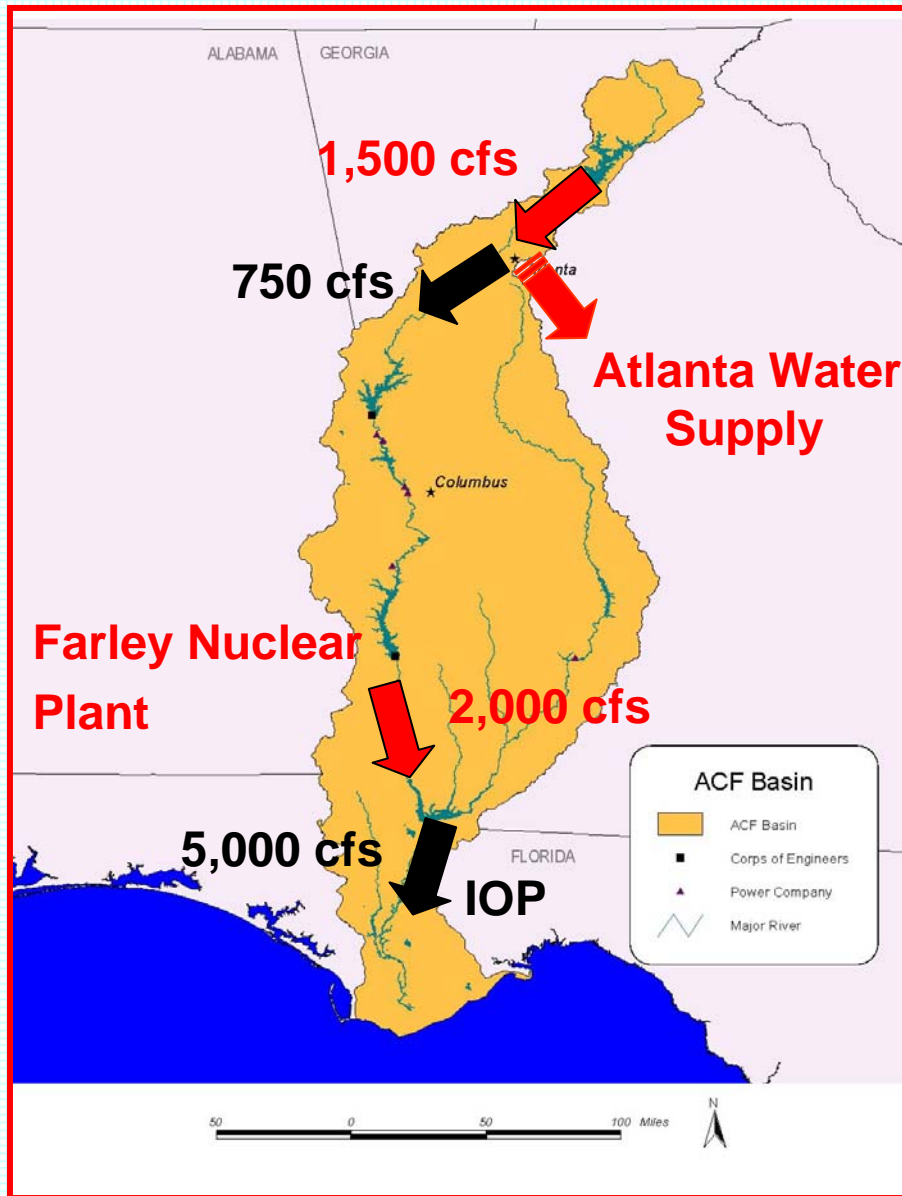


Jim Woodruff Dam
Apalachicola River

Minimum Flow Requirements



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But it's more than just the minimum flow to the Apalachicola

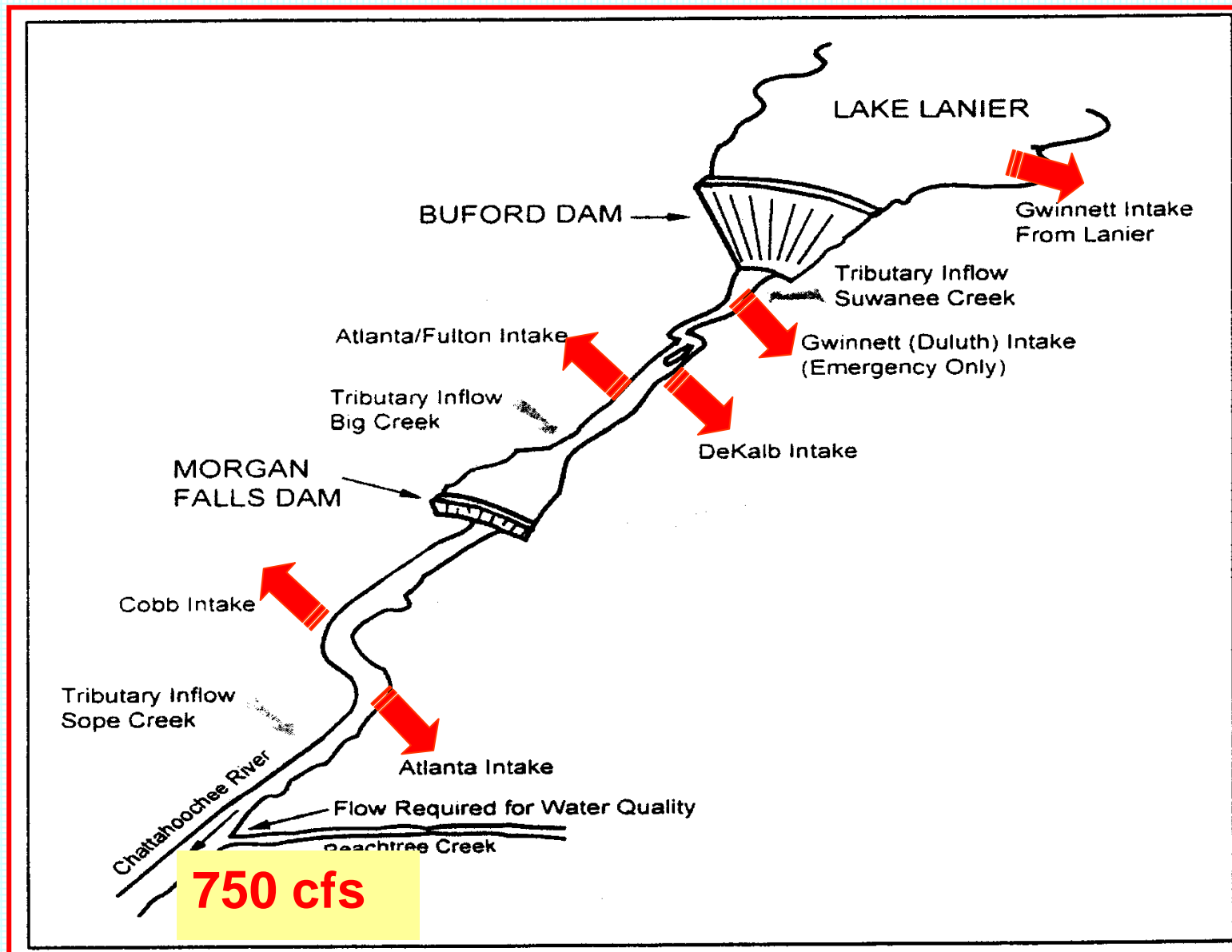


Farley Nuclear Plant

Minimum Flow Requirements



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Apalachicola River



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Purple Bankclimber



Gulf Sturgeon



Fat Three Ridge

Interim Operation Plan



- Year-round operations to support flow needs for sturgeon spawning, young sturgeon, mussels, and host fish for mussels
- Minimize or avoid impacts of low flow operations on listed species or critical habitat
- Provide for storage when water is more plentiful to allow for future augmentation during low flows in support of mussels



Interim Operation Plan



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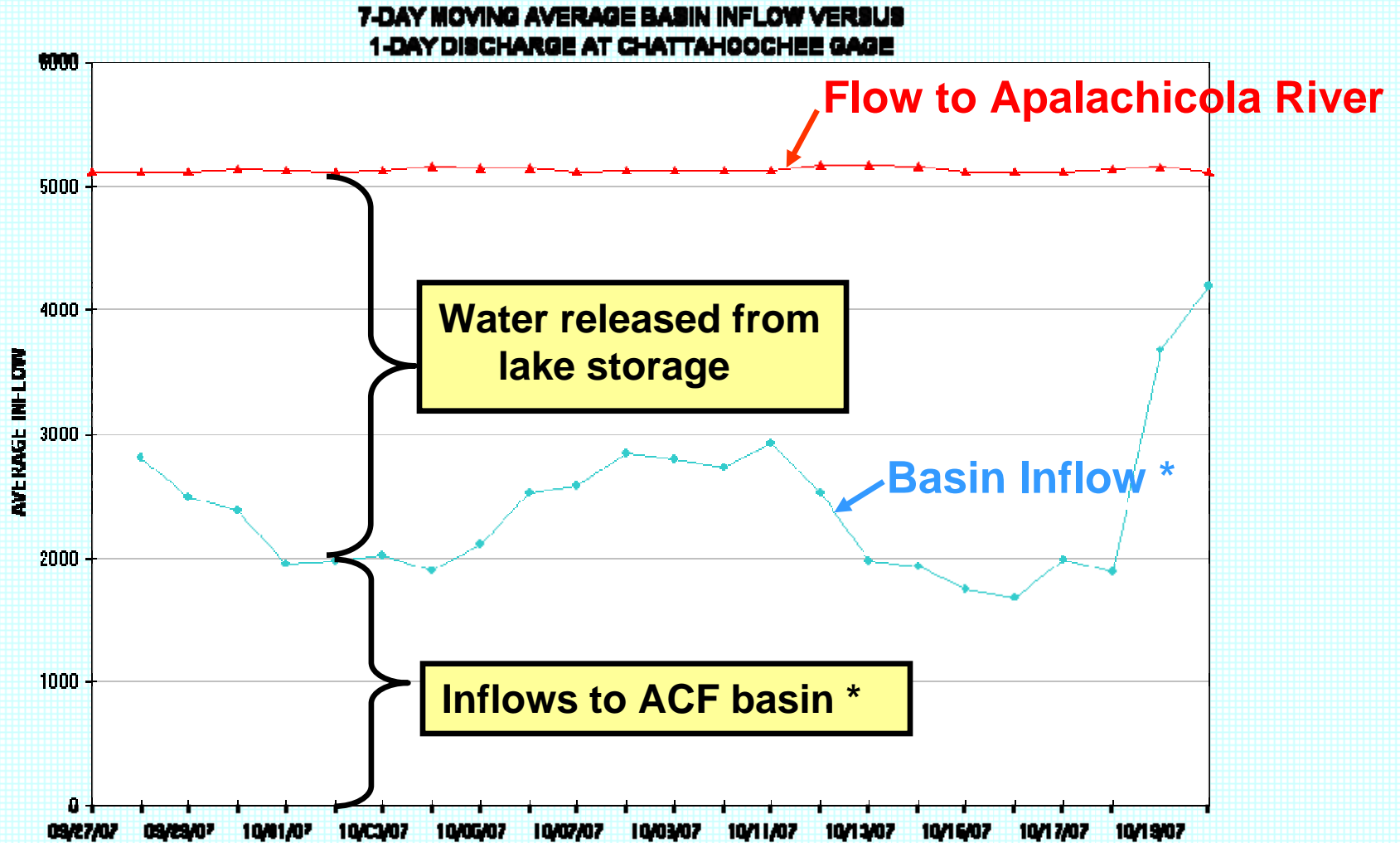
- Minimize conflicts with management for other fish and wildlife species (e.g., reservoir fish management)
- Minimize impact to other project purposes



5,000 cfs Flow Target



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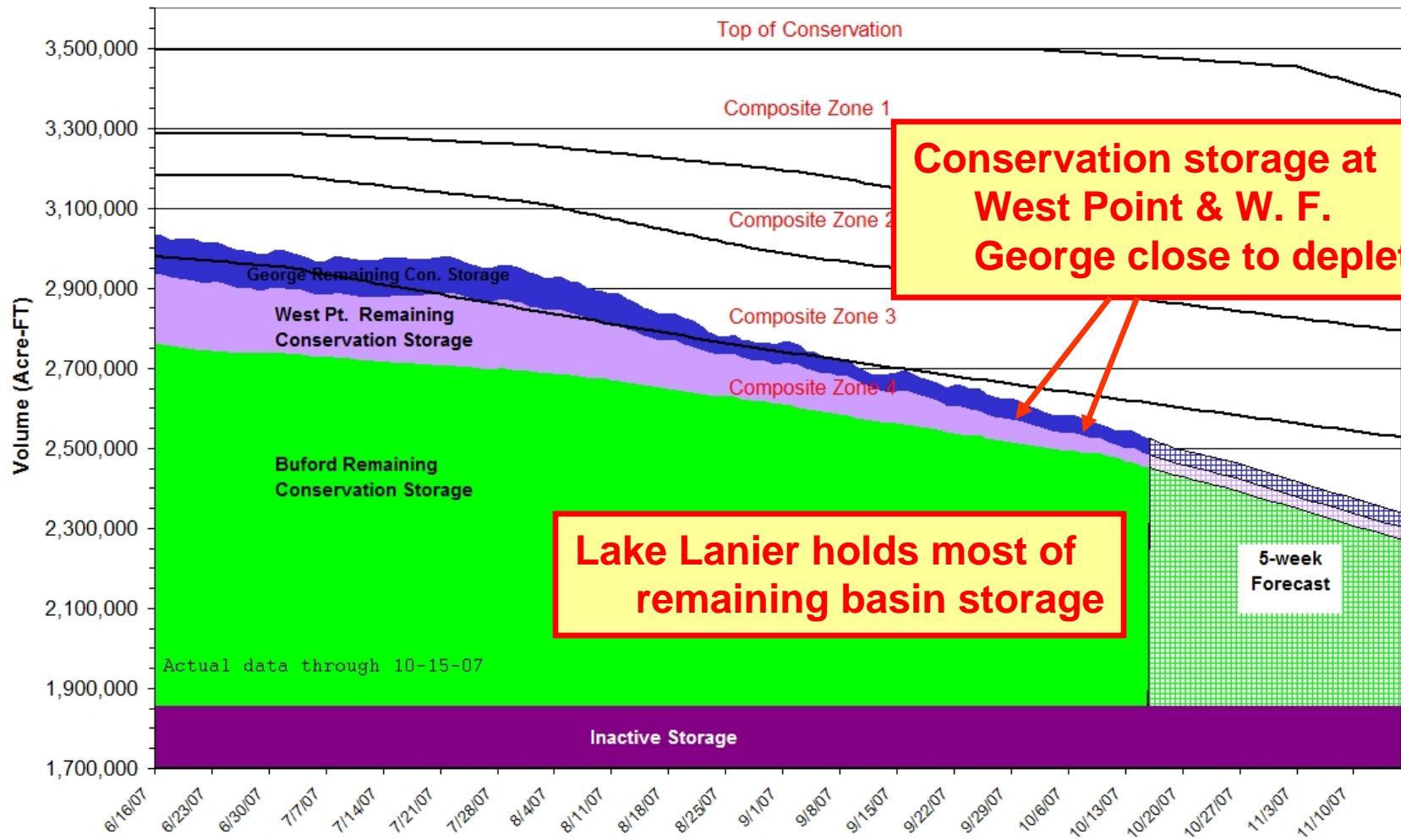
* Total basin inflow to ACF basin minus reservoir evaporation and municipal, industrial, and agricultural consumption.

ACF System Storage



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Total ACF Remaining Storage



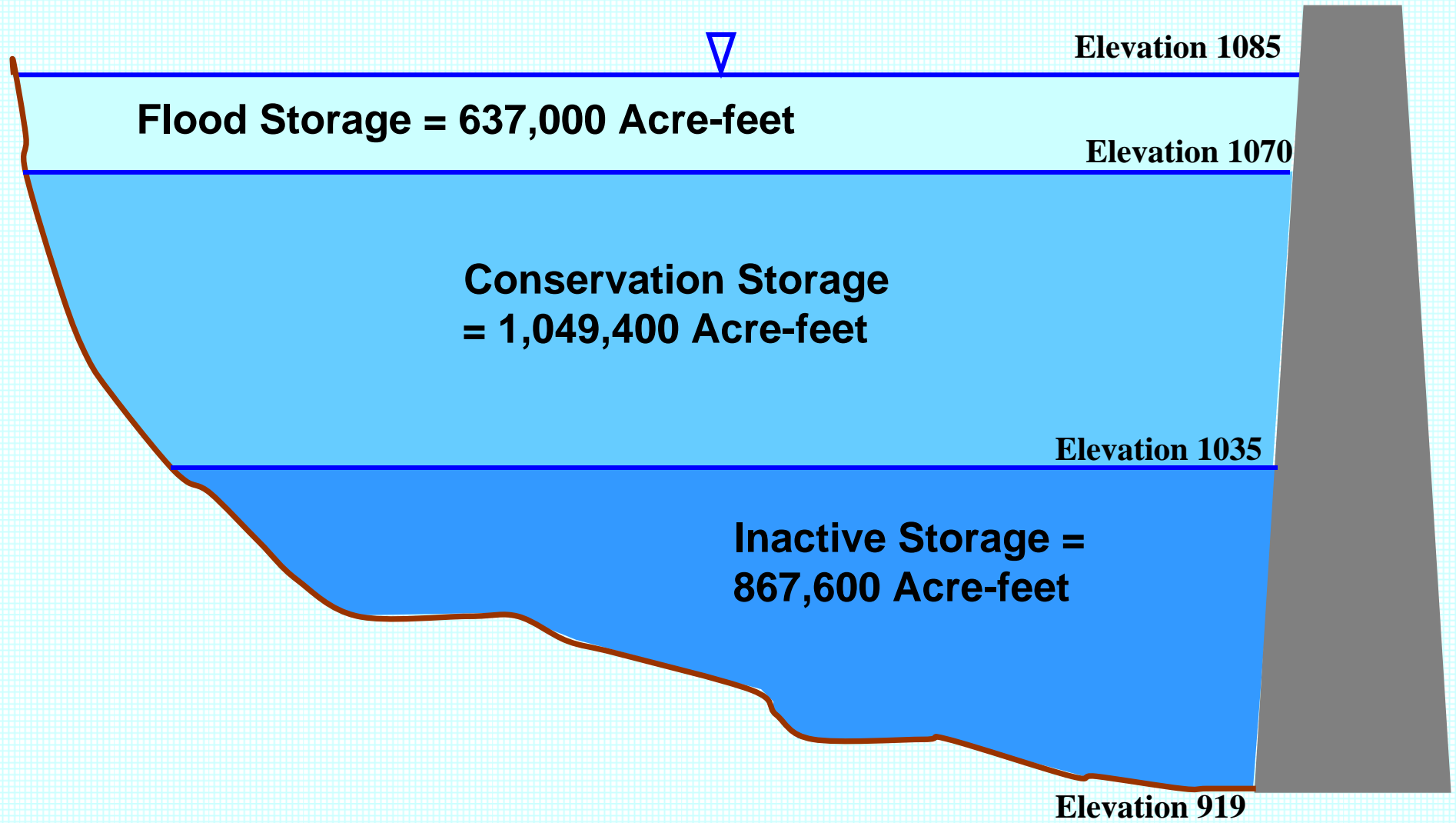
Conservation storage at West Point & W. F. George close to depleted

Lake Lanier holds most of remaining basin storage

Lake Lanier



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Lake Lanier



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Elevation 1085

**Spillway
1085**

Flood Storage = 637,000 Acre-feet

Elevation 1070

**Conservation Storage
= 1,049,400 Acre-feet**

Elevation 1035

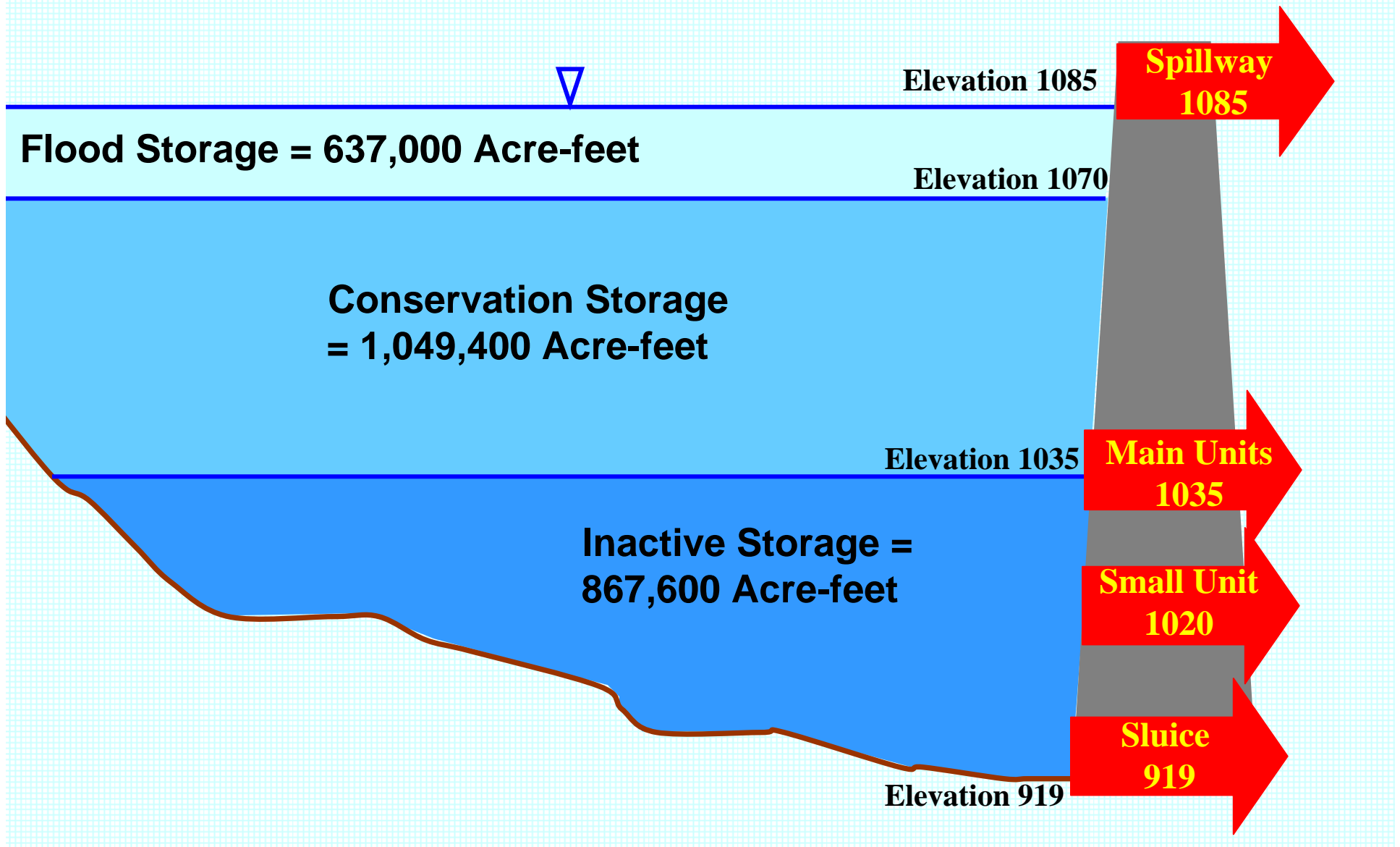
**Main Units
1035**

**Inactive Storage =
867,600 Acre-feet**

**Small Unit
1020**

Elevation 919

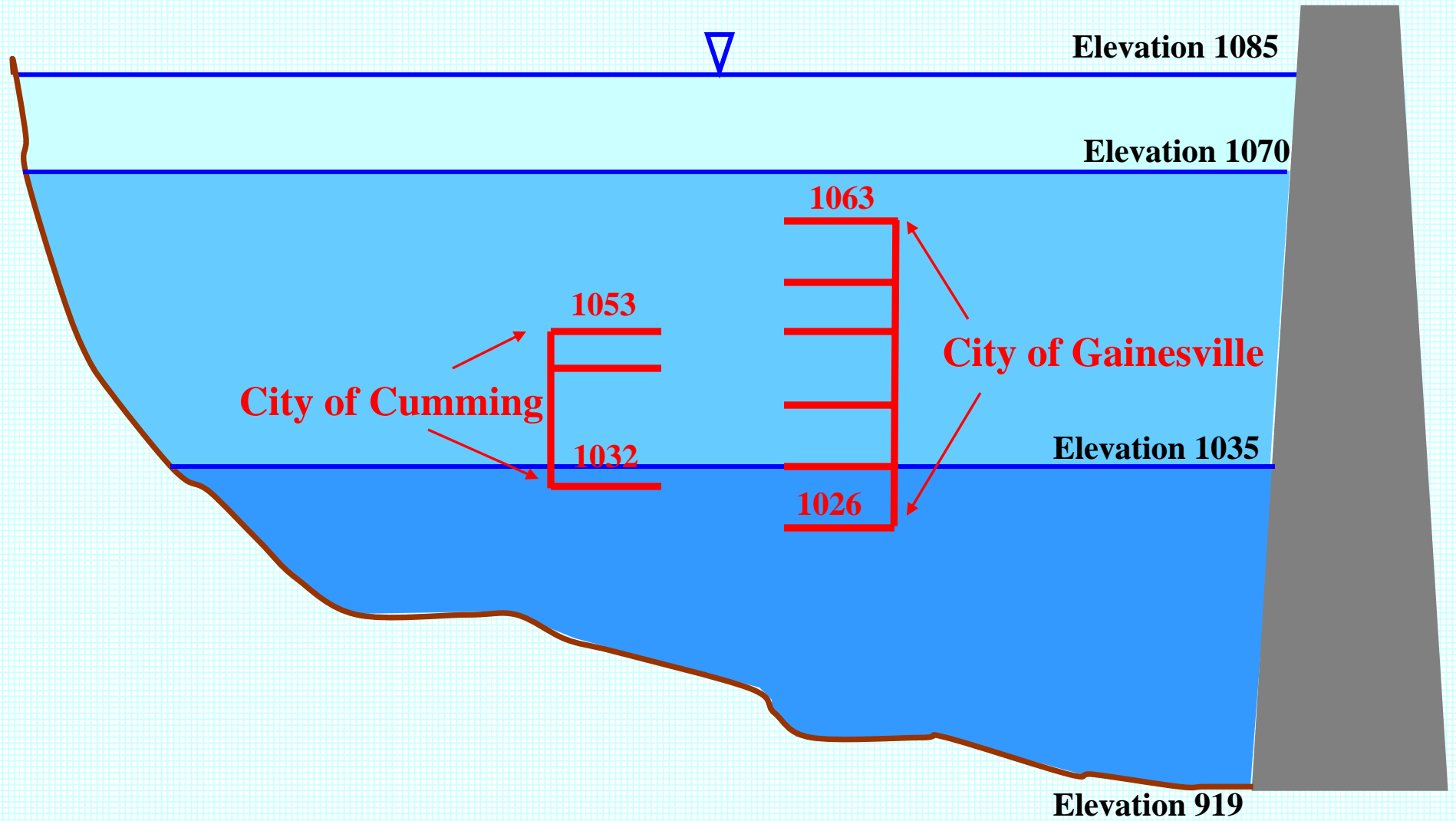
**Sluice
919**



Lanier Intakes



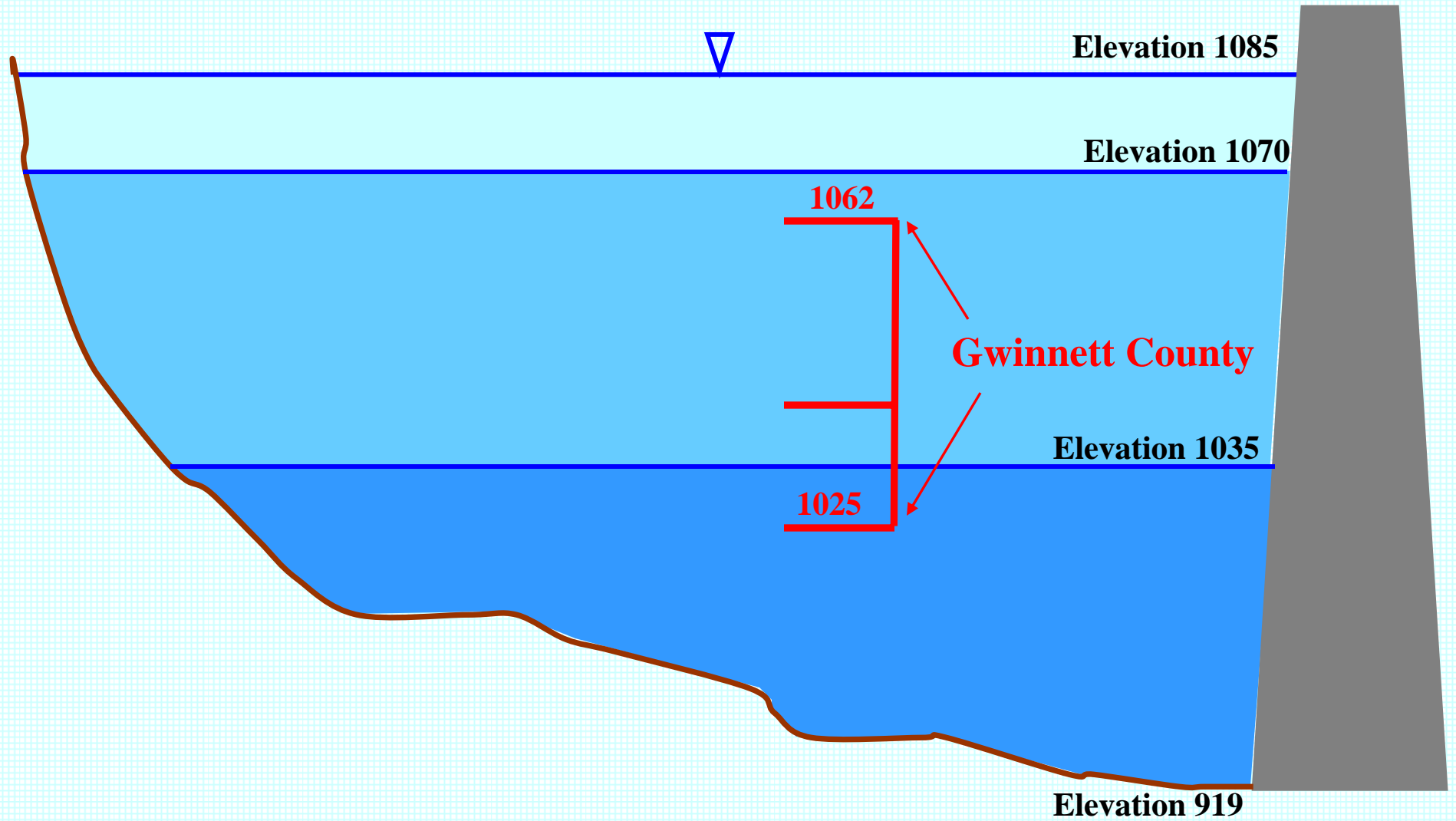
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Lanier Intakes



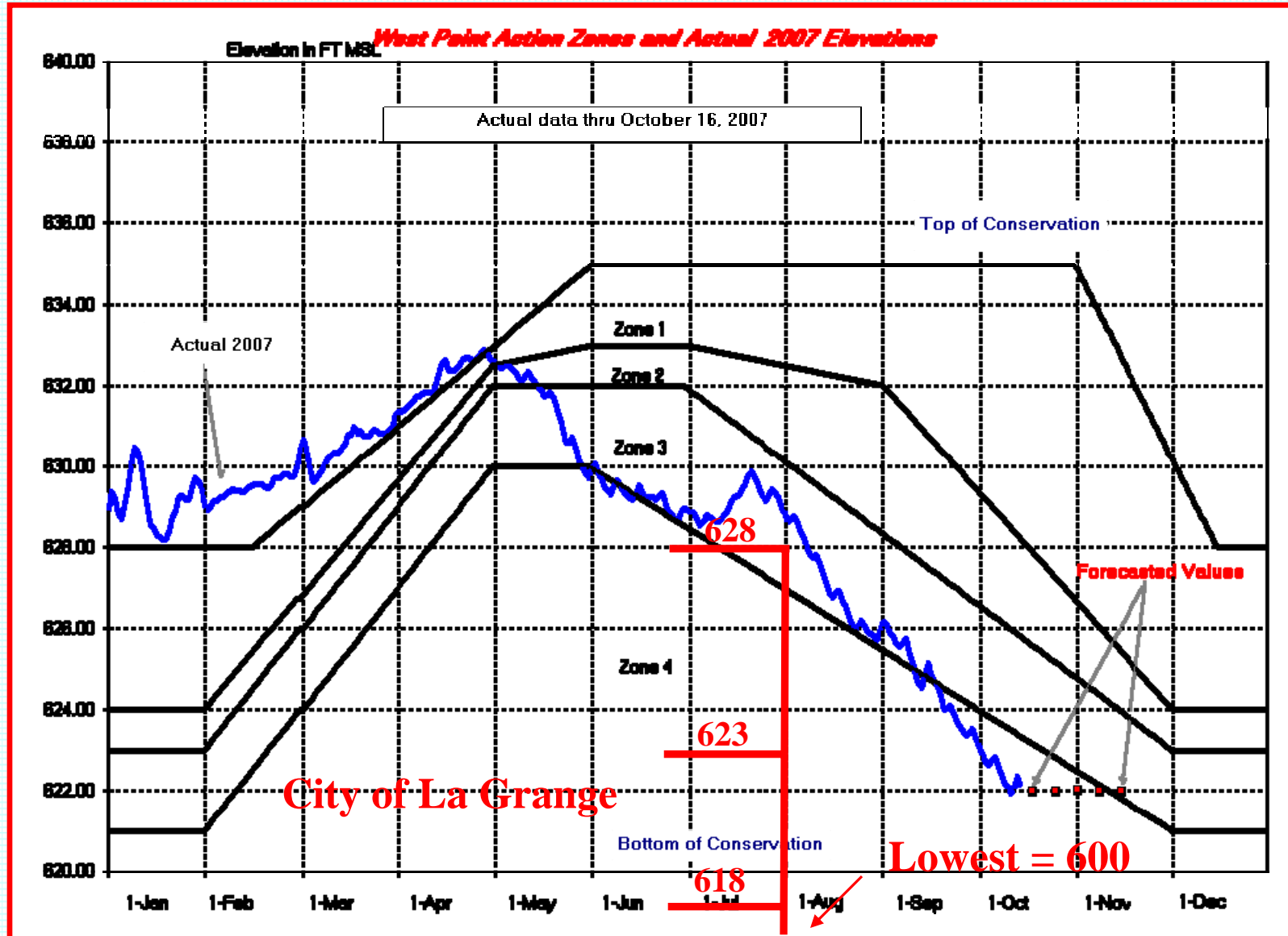
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West Point Intakes



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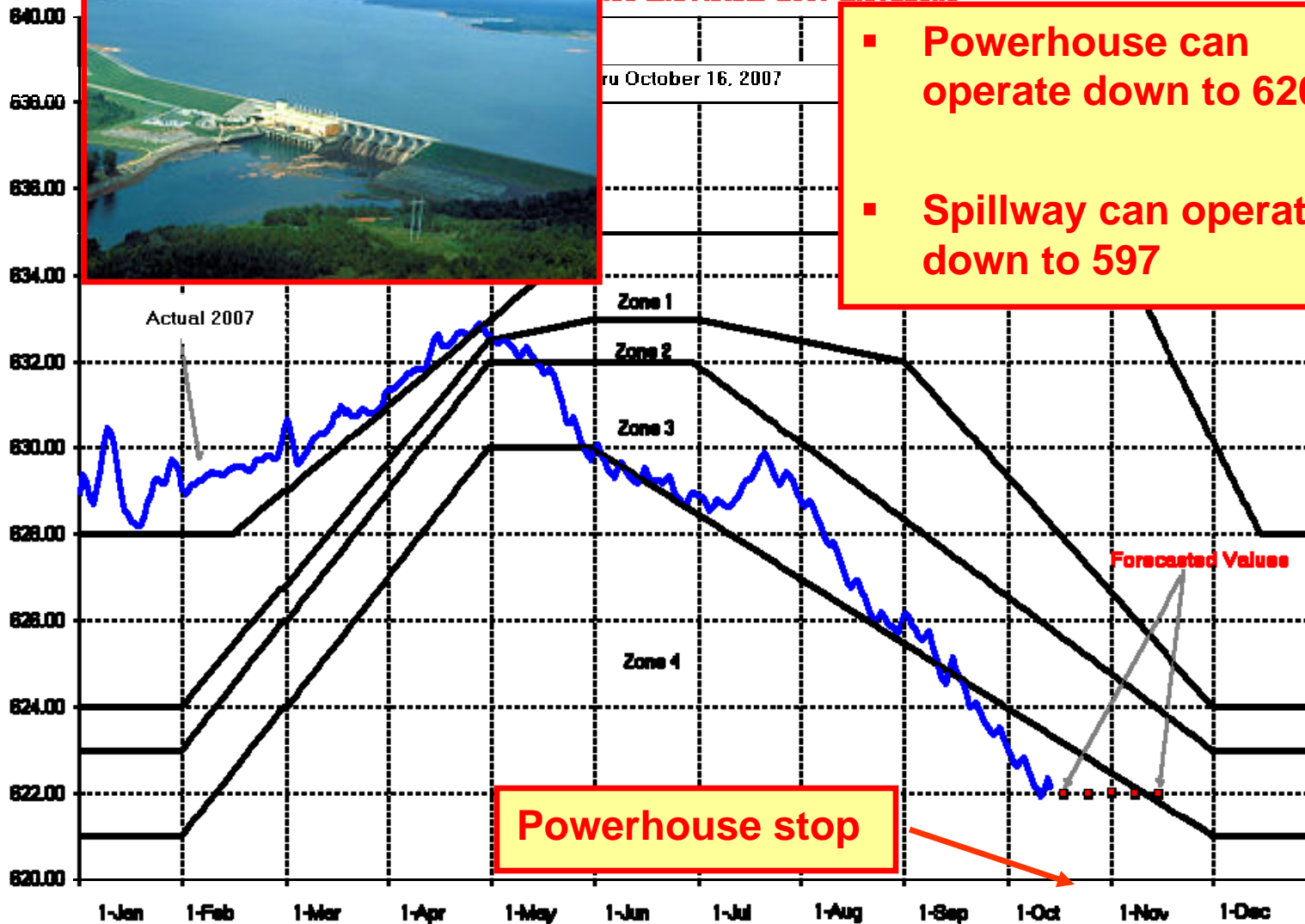
West Point



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Reservoir and Actual 2007 Elevations



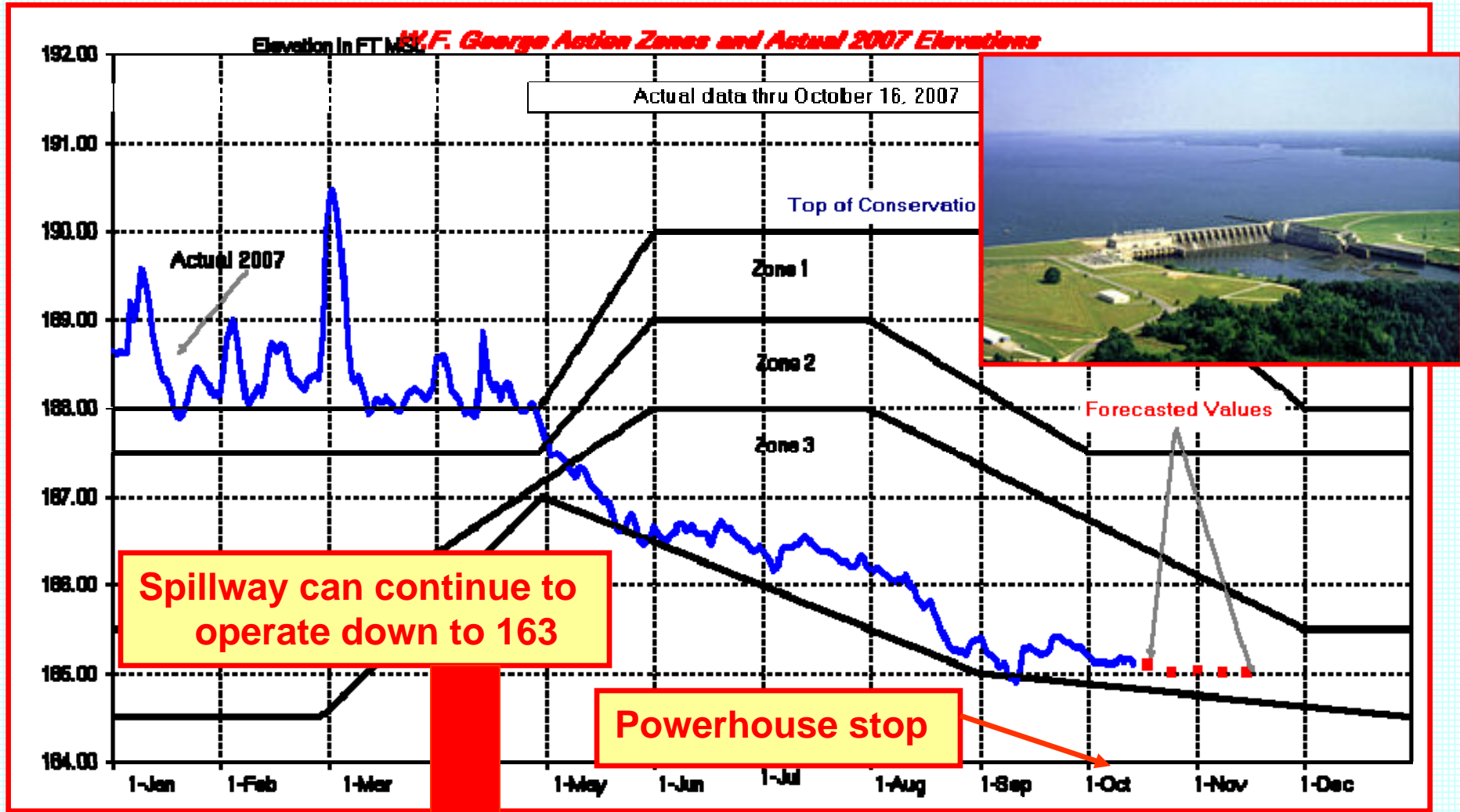
- Powerhouse can operate down to 620
- Spillway can operate down to 597

Powerhouse stop

W. F. George



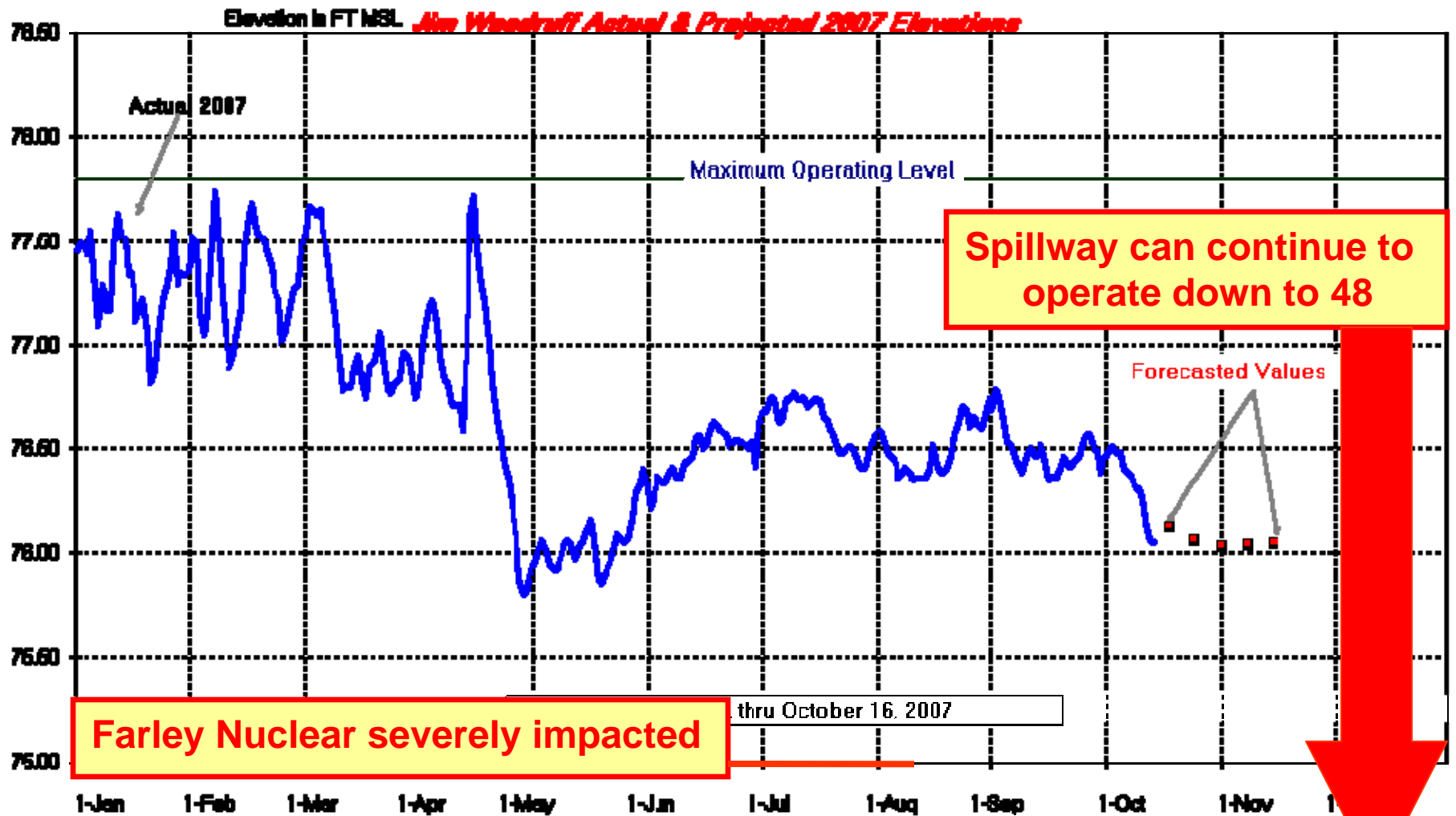
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Jim Woodruff



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Section 7 Consultation



- Immediate Actions
 - 17 Oct 07, Volumetric Balancing
 - 19 Oct 07, Suspension of Downramping Rates
- Expedited Actions
 - Formal Section 7 Consultation re-initiated by Corps
 - Increased ability to refill
 - Reevaluation of Minimum Flow to Apalachicola
 - Expect Decision no later than 1 Dec 2007



Questions?



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