



# Supply Side Strategies for Gaffney

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*Agenda Item 7*

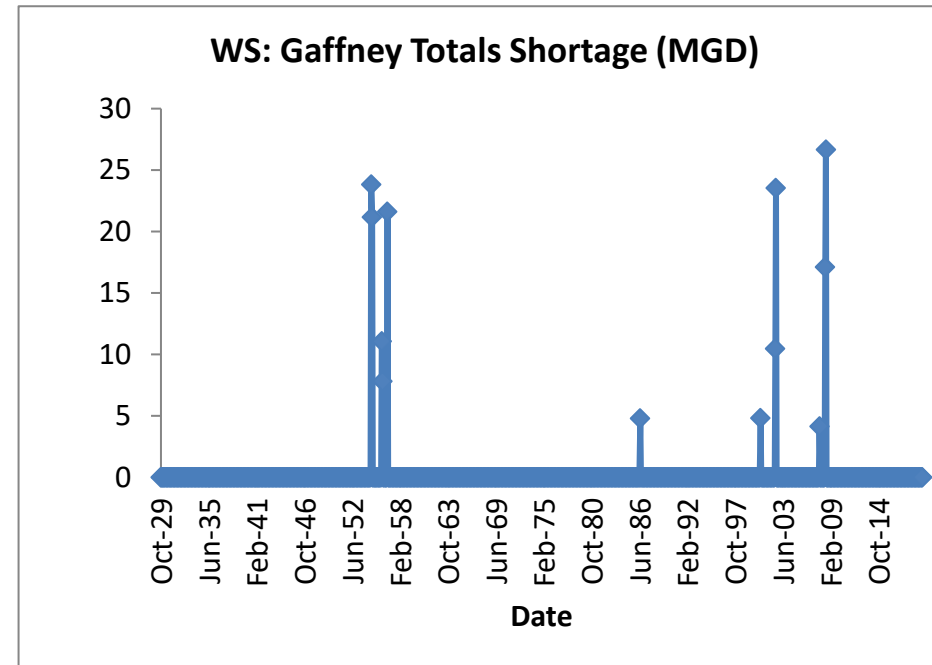
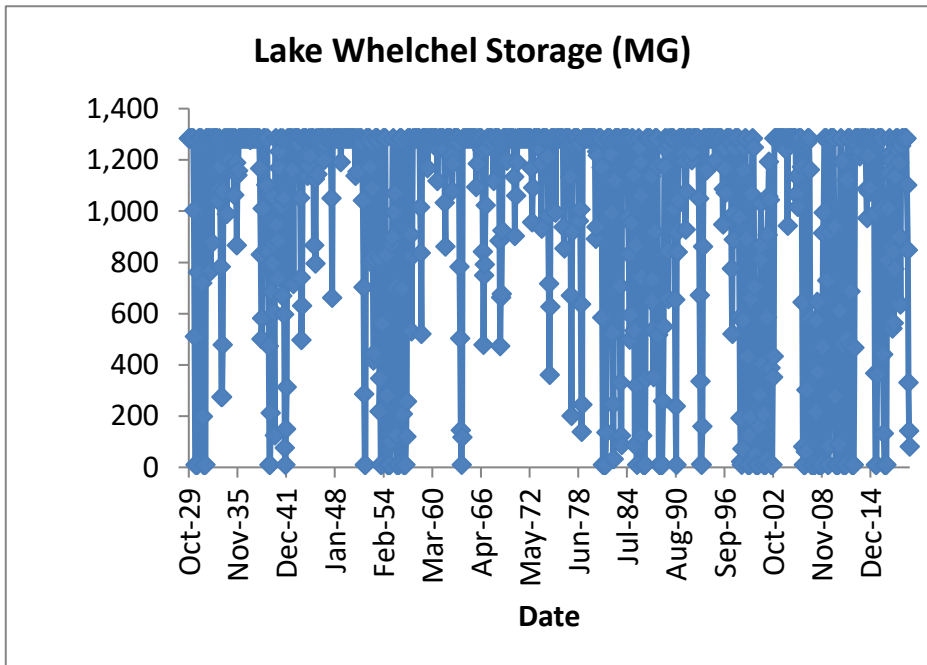
# Additional Storage for Gaffney: Increasing Dam Height at Lake Whelchel

*Recall:*  
System Safe Yield: ~12.8 MGD  
2070 High Demand: ~25 MGD

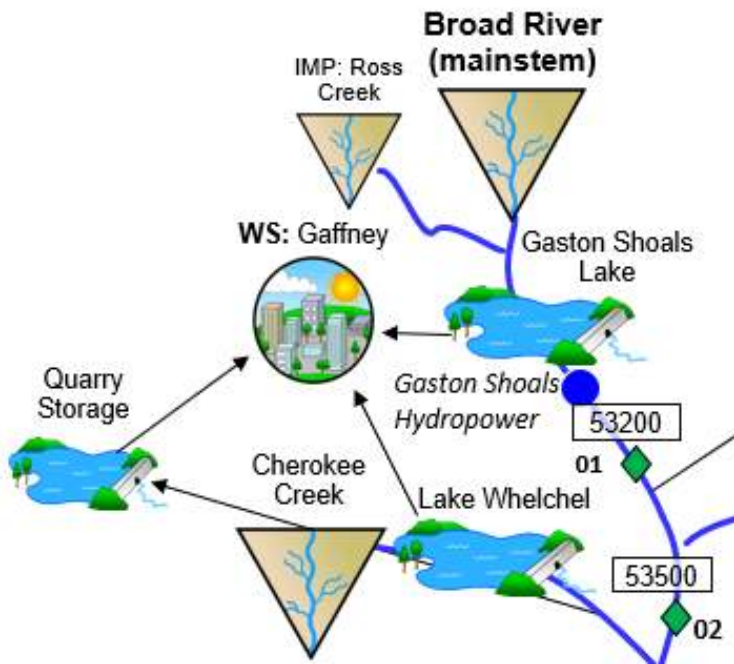
Dam Height Increase at Lake Whelchel	Additional Storage Estimate (MG)	% Additional Storage Estimate
3'	~148	~18%
8'	~469	~58%



Shortages Persist



# Additional Storage for Gaffney: Conceptual Off-Line Quarry



**2,000 MG Quarry Storage  
downstream of Lake Whelchel  
(Lake Whelchel = 815 MG)**

