

RECLAMATION

Managing Water in the West

Fontenelle Working Group Meeting

August 24, 2010



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Bureau of Reclamation

Fontenelle Reservoir Current Status

As of 8/23/10

Storage

Live Capacity	345,000 AF
Capacity on 8/24/09	<u>322,000 AF</u> (93% full)

Pool Elevation

Reservoir Elev. (Max)	6506 ft
Elevation on 8/23/10	<u>6503 ft</u>
Elevation below (Max)	3 ft

Inflow and Release

5 Day Average Inflow	600 cfs
Current Release on 8/23/10	1100 cfs

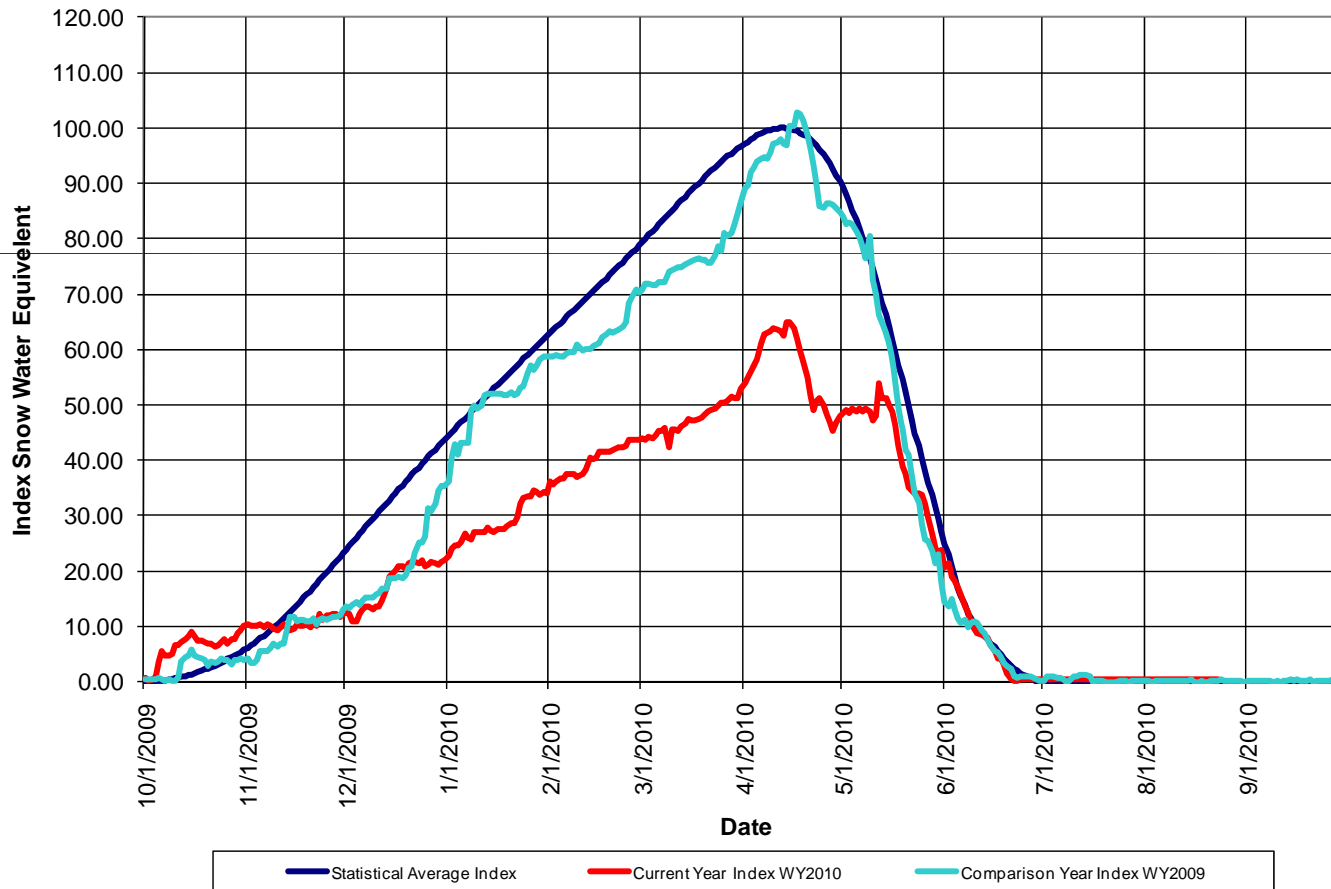
Expect to begin ramp down later this week to reach 1,050cfs

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Observed Snowpack

Water Year 2010

Upper Green River Basin Snotel Tracking
Aggregate of 13 Snotel Sites above Fontenelle Reservoir

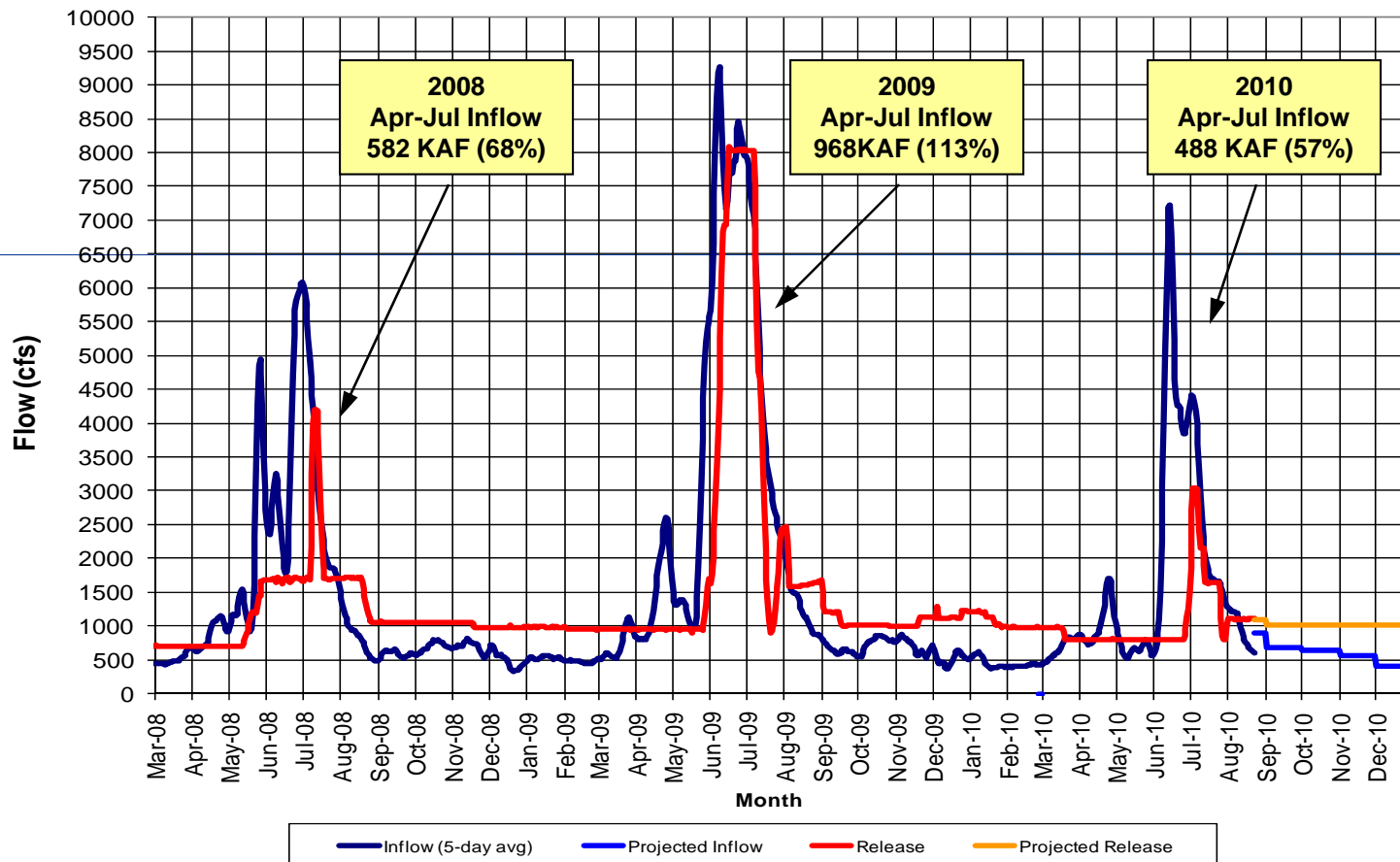


Data Provided by the Natural Resource Conservation Service

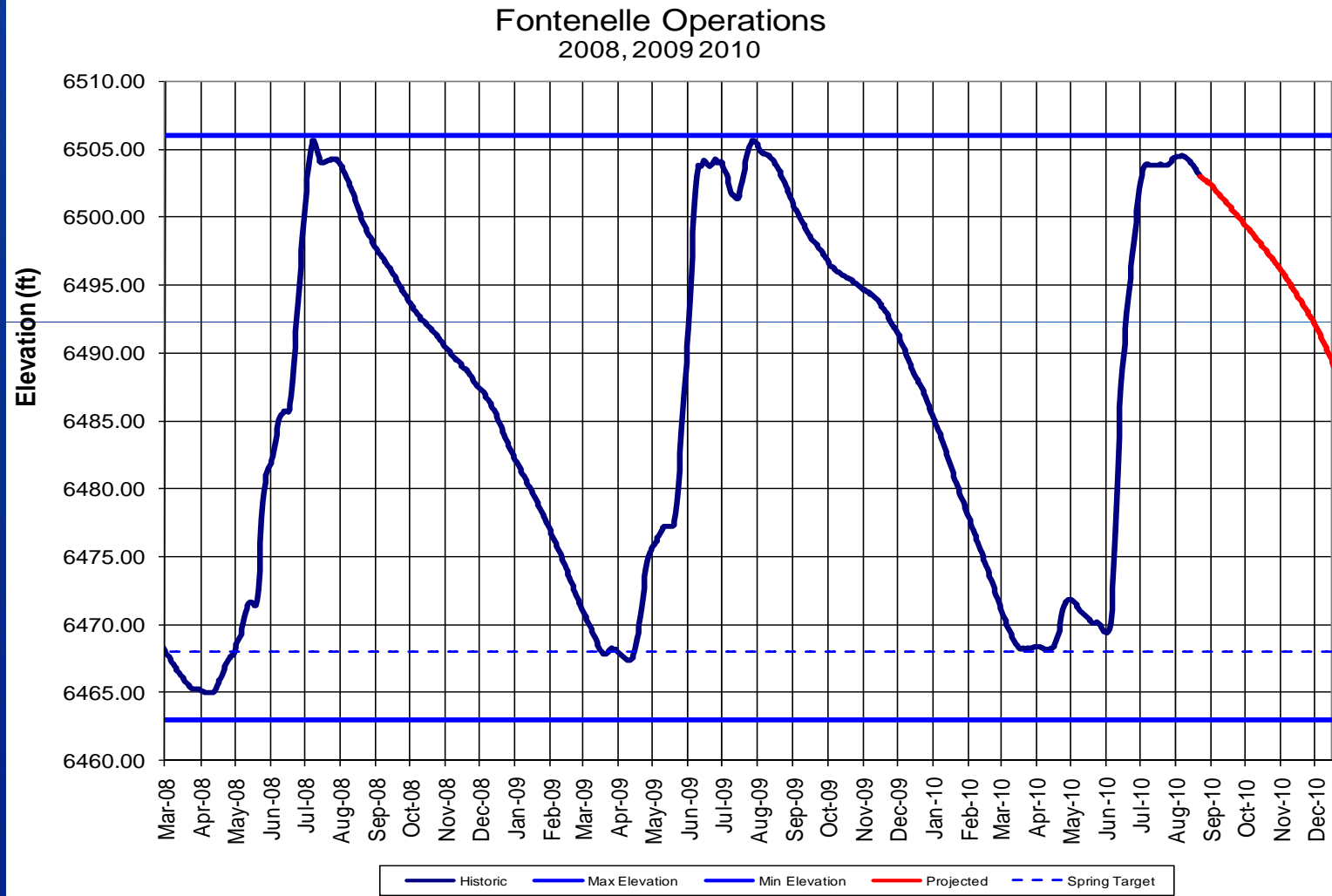
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Observed Inflow and Release

Fontenelle Operations
2008, 2009, 2010



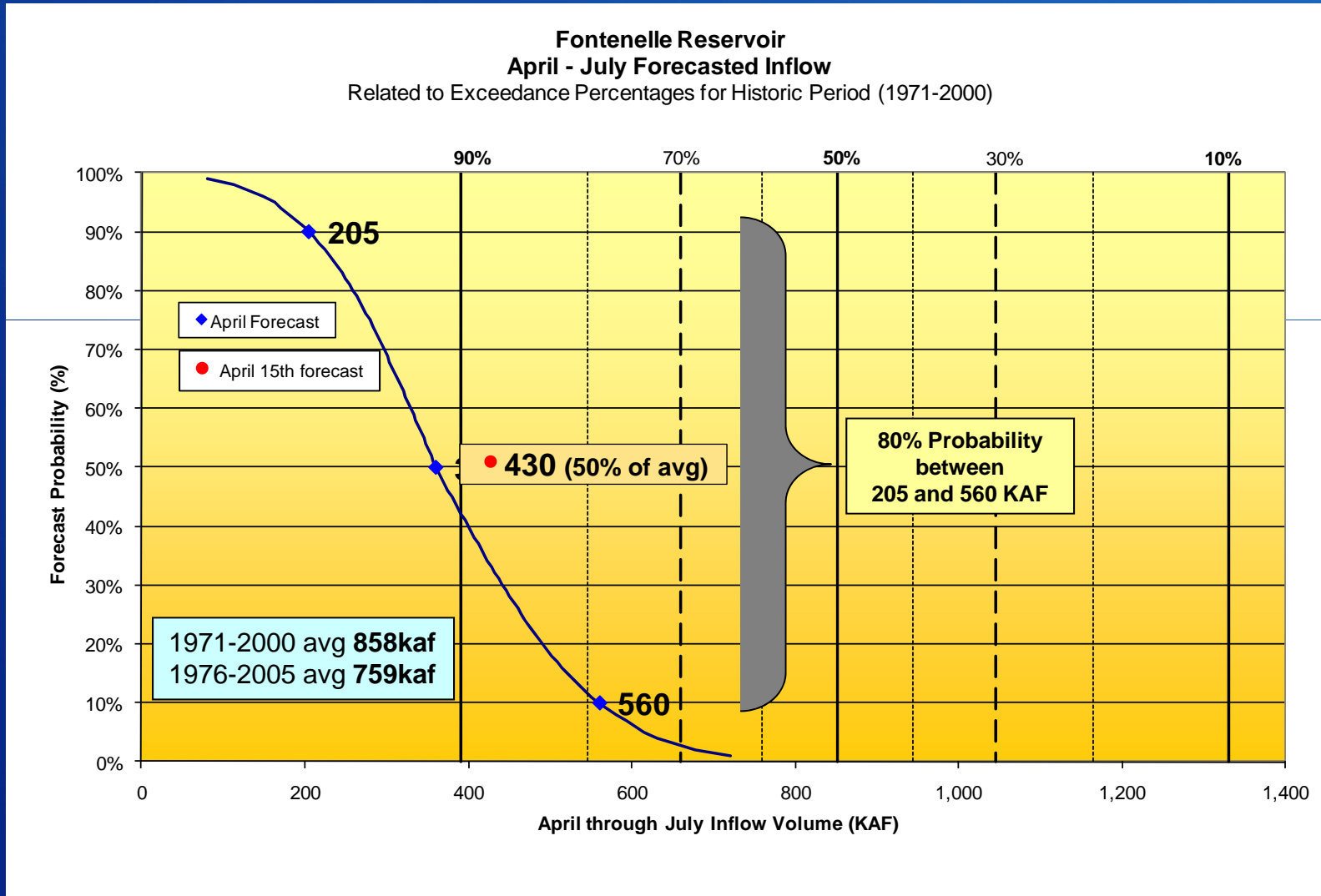
Observed Reservoir Elevation



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April Forecast

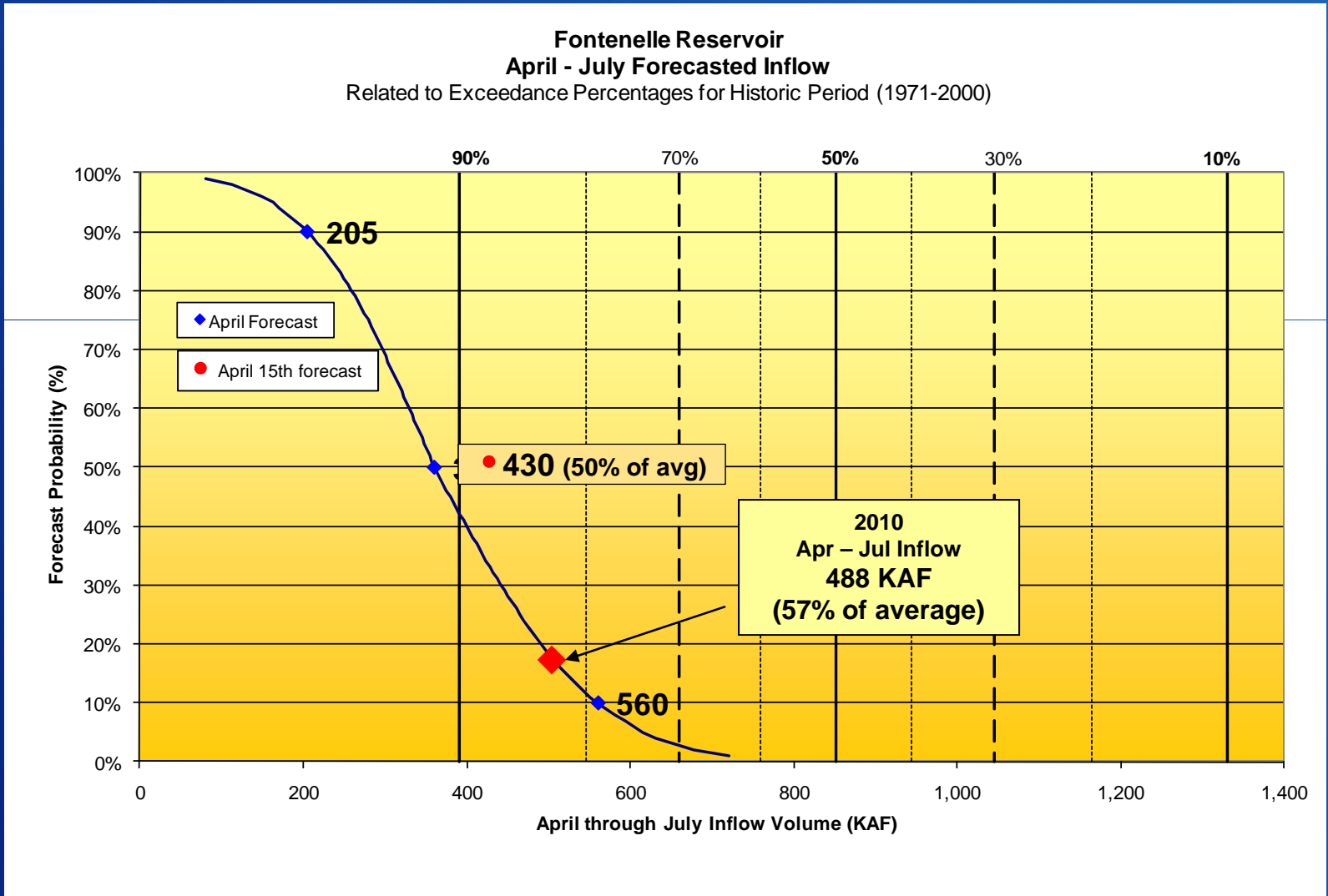
Presented at April Working Group Meeting



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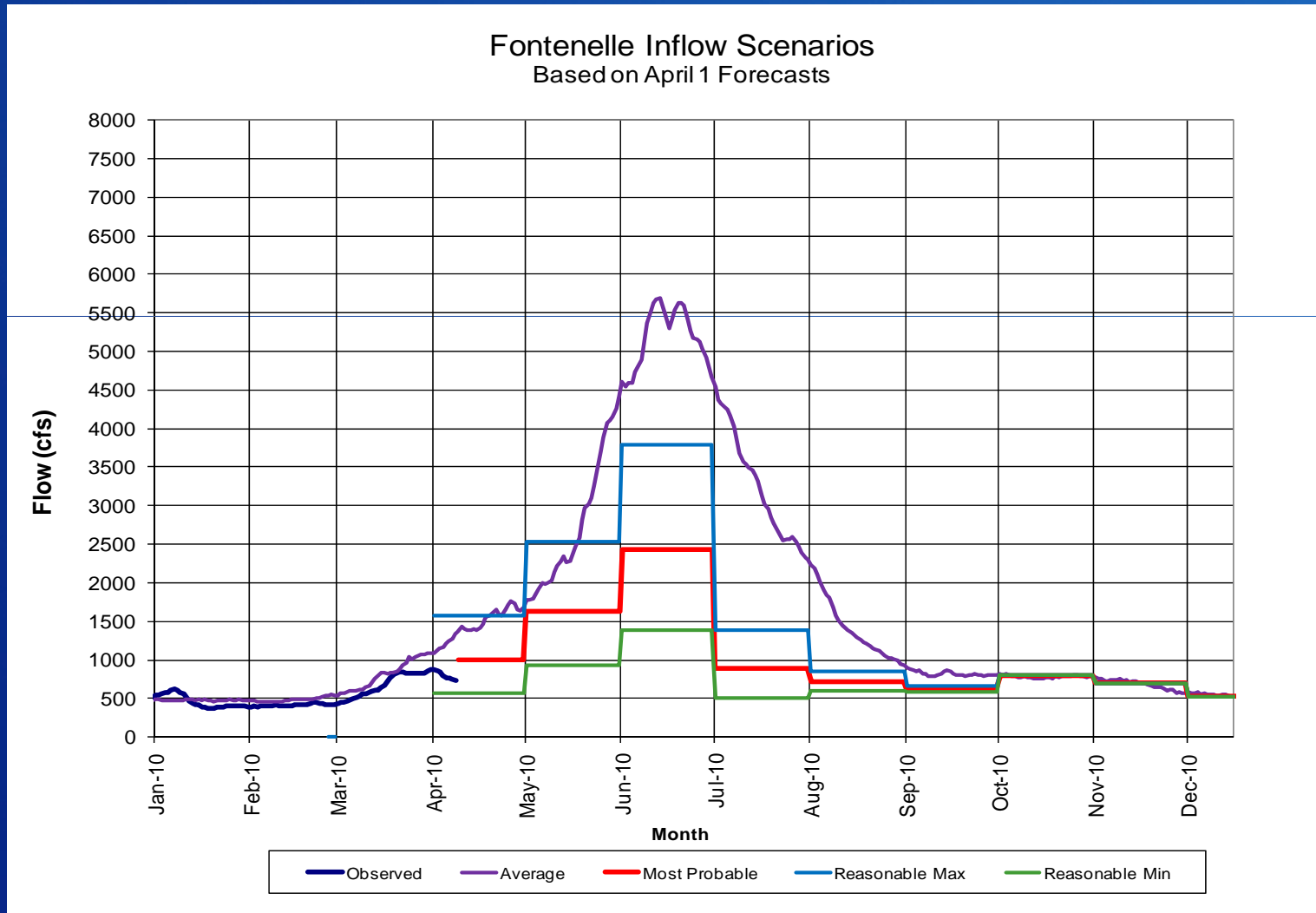
Observed Inflow

2010 April - July runoff season



Projected 2010 Inflow Scenarios

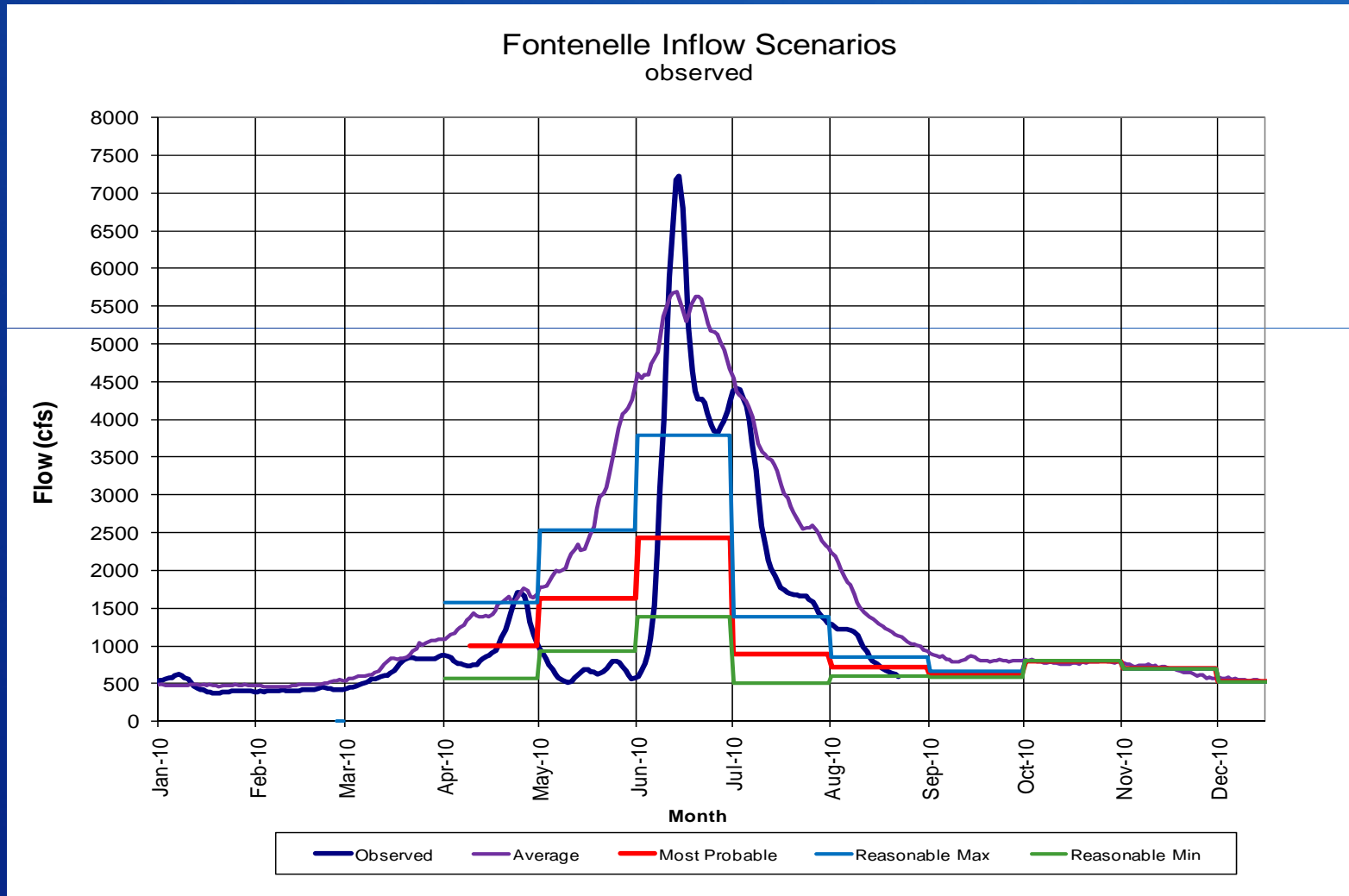
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Observed 2010 Inflow

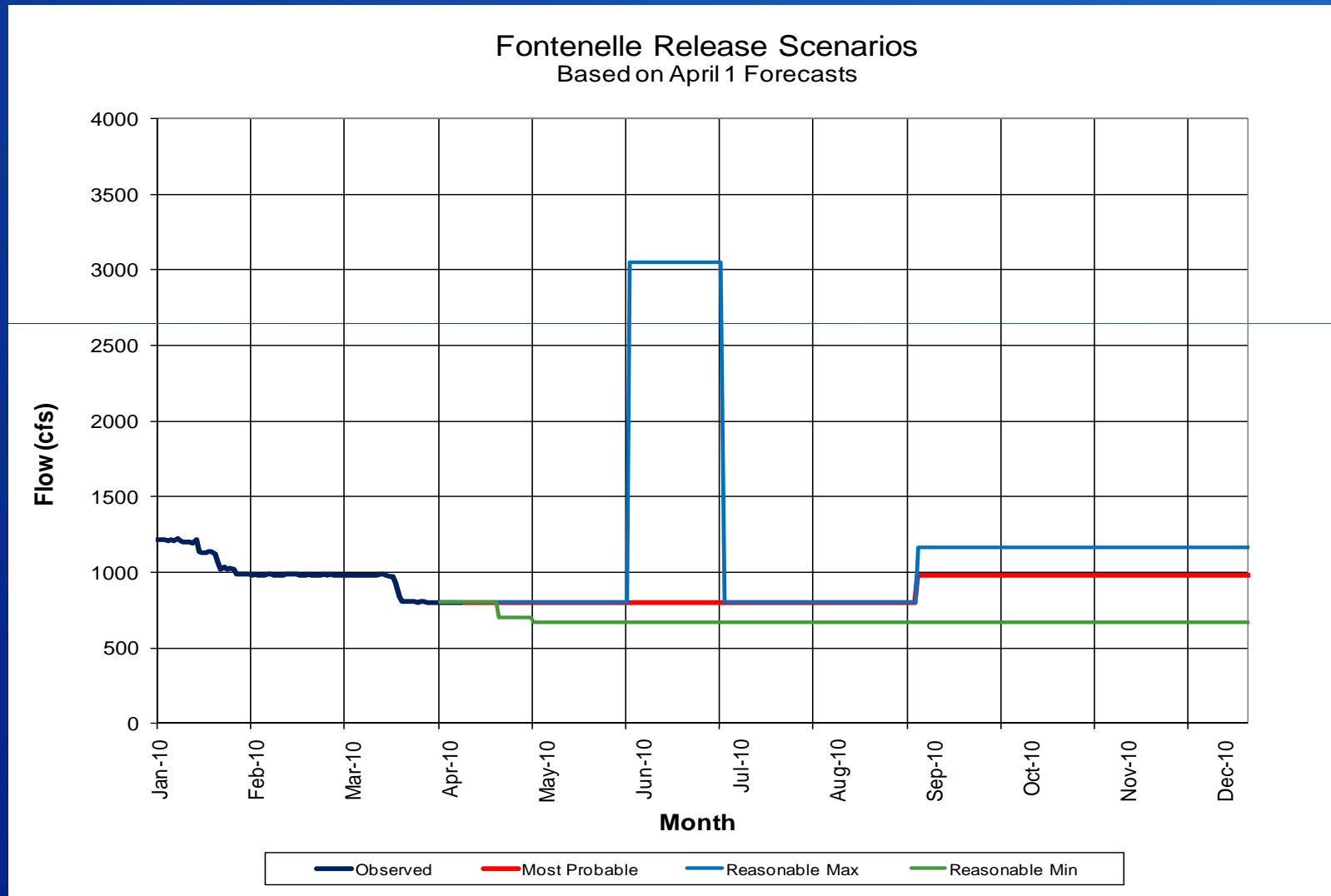
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Projected 2010 Release Scenarios

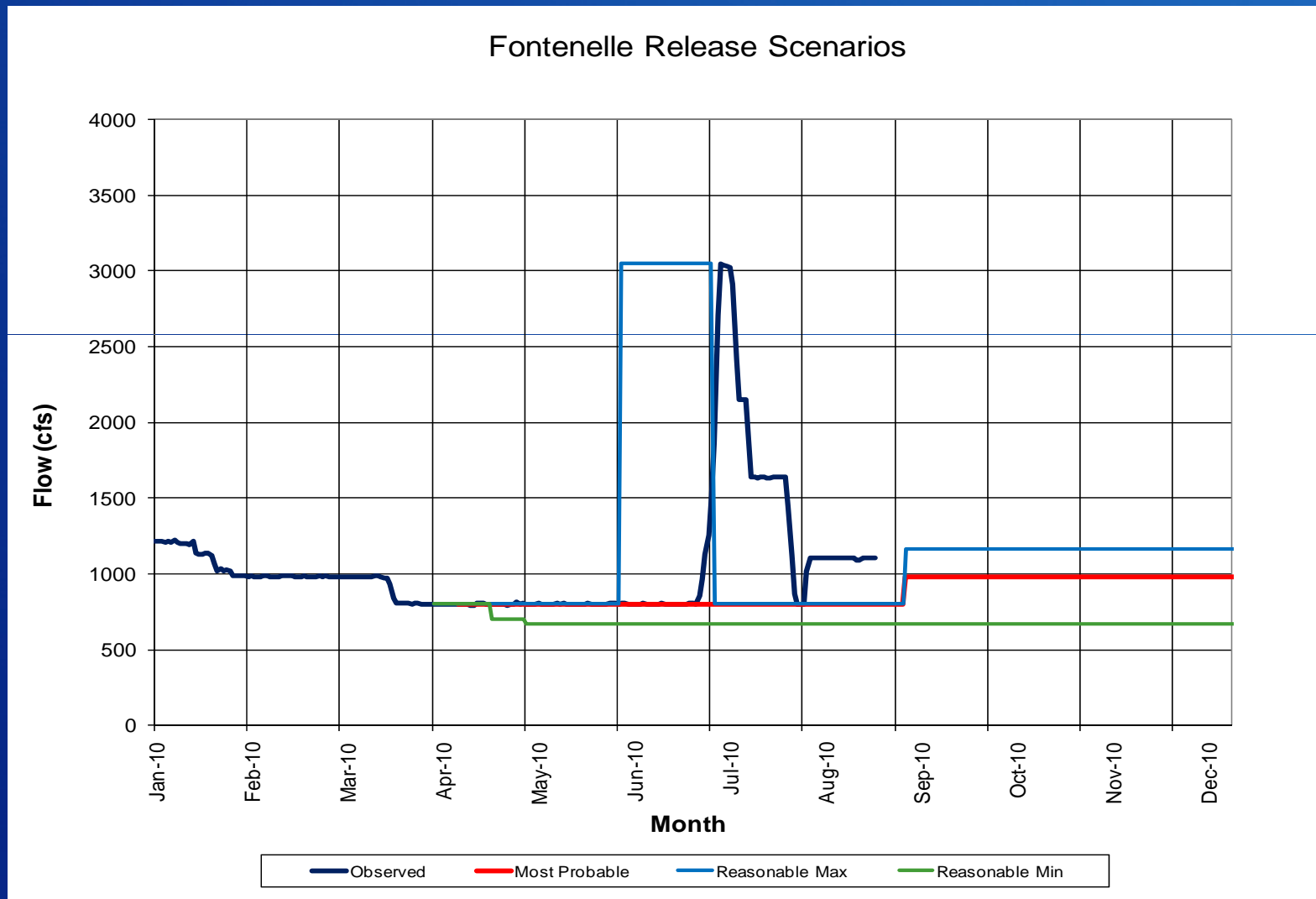
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Observed 2010 Release

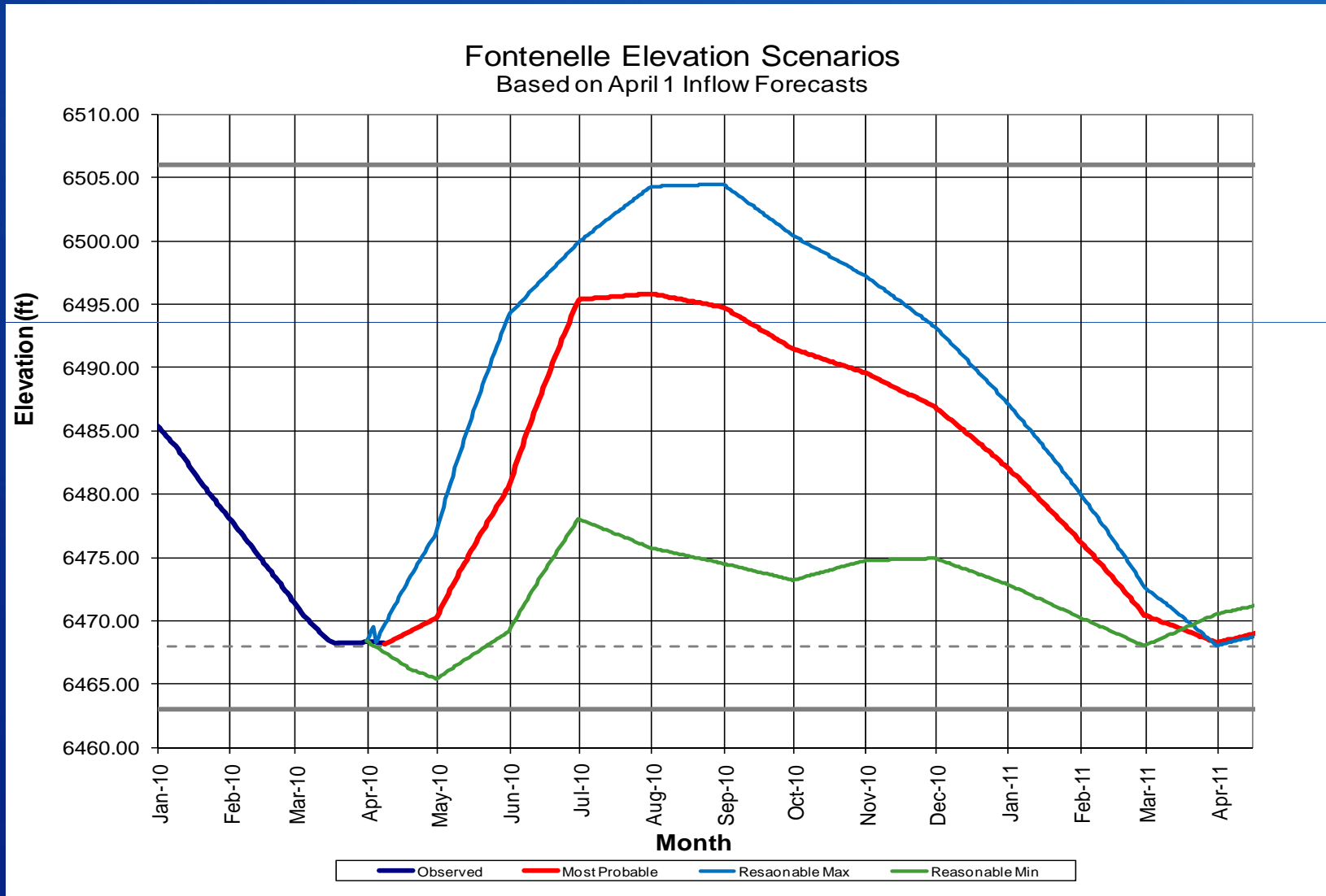
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Projected Elevation Scenarios

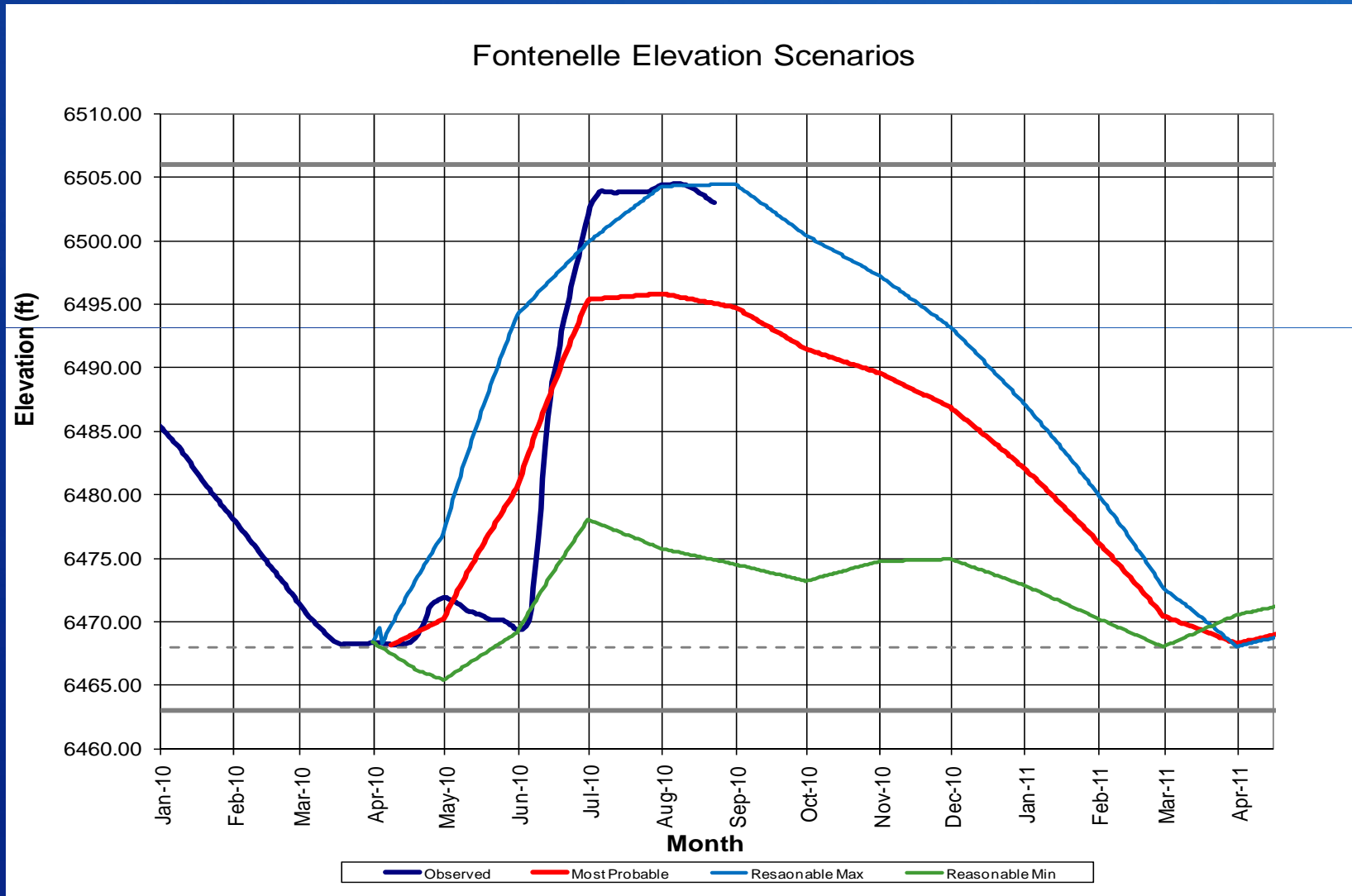
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Observed Elevation

As of Aug 23, 2010



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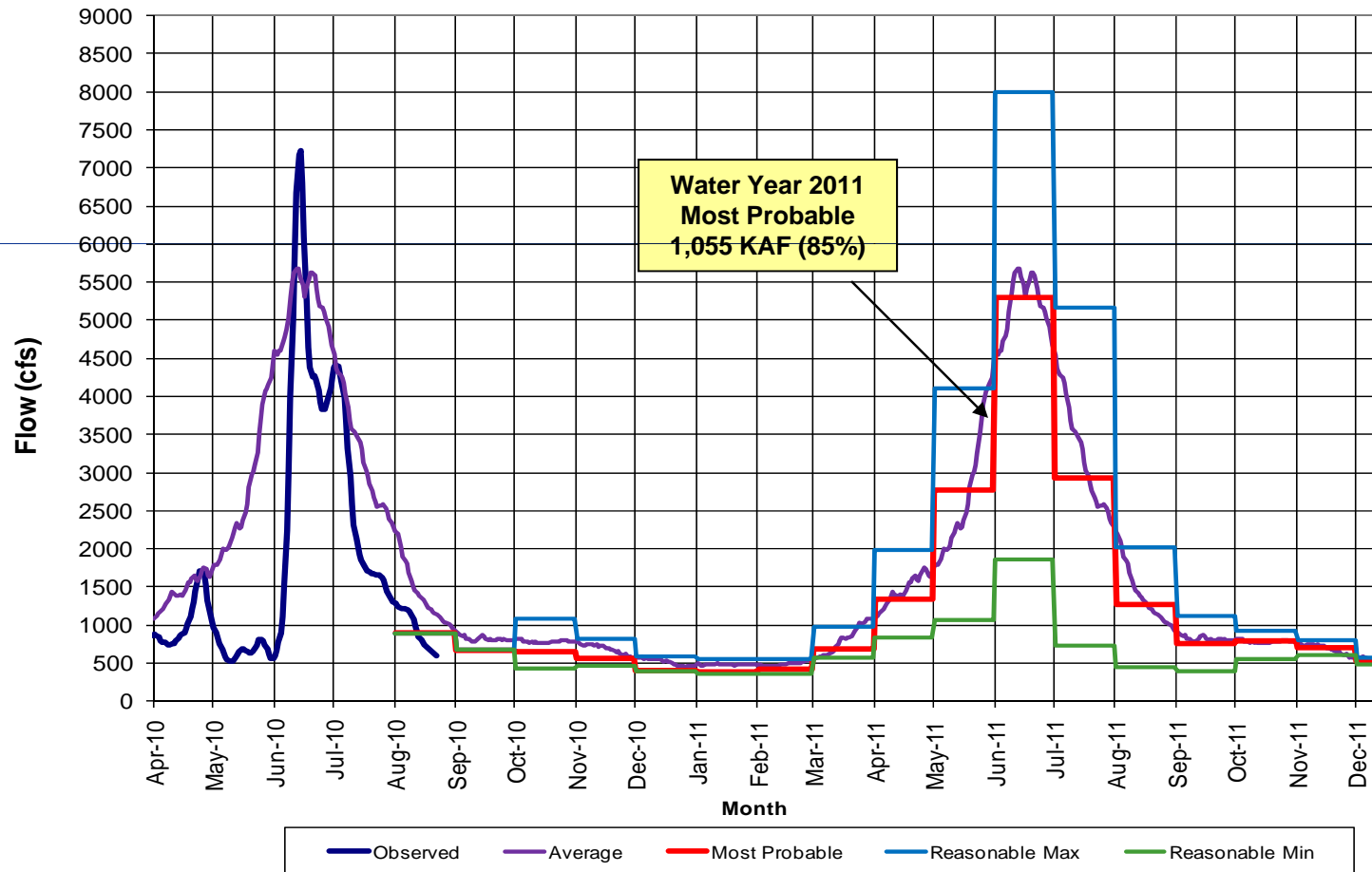
Water Year 2011 Projected Operations

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Inflow Scenarios

Water Year 2011

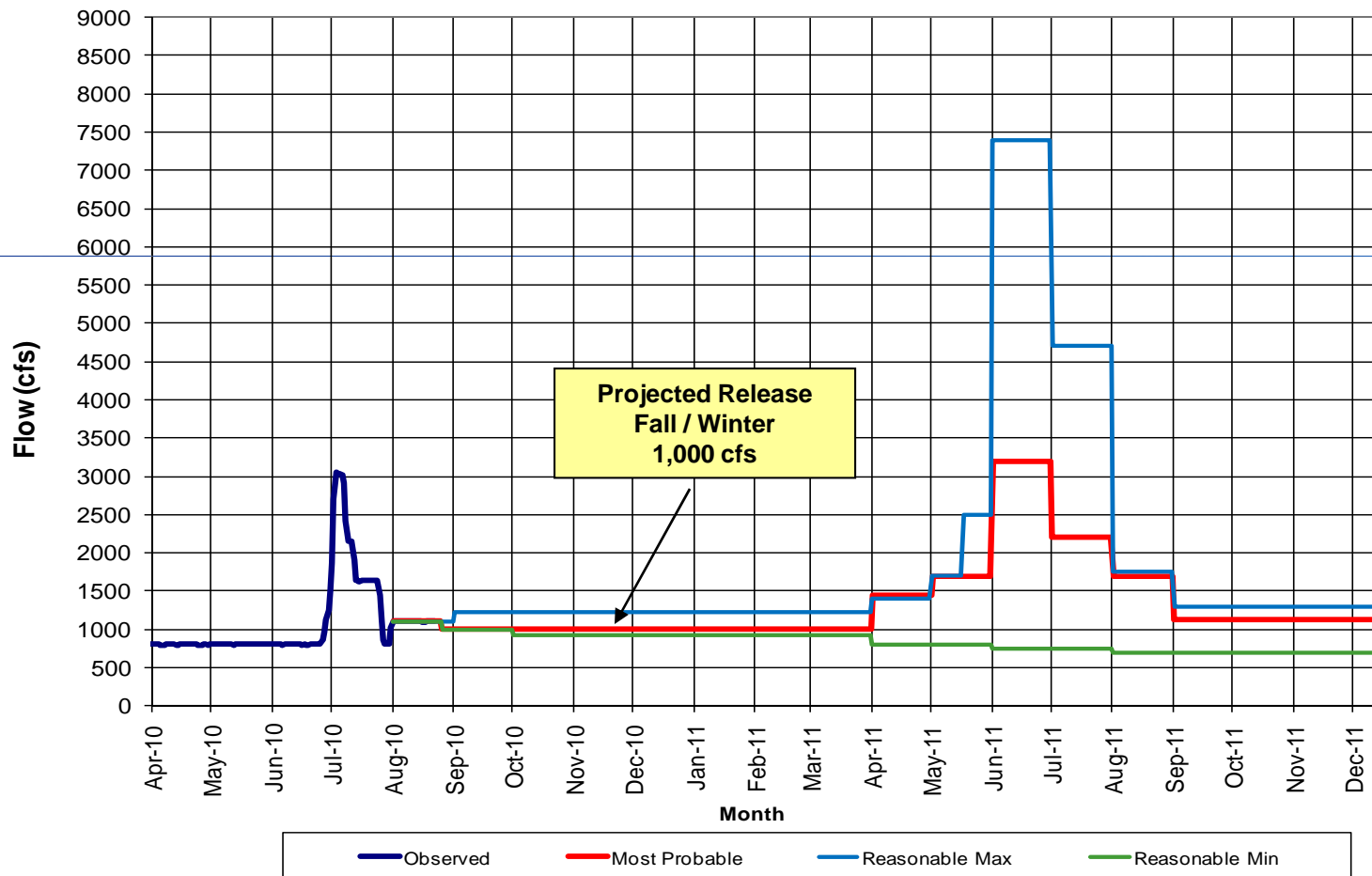
Fontenelle 2011 Inflow Scenarios
Based on August Inflow Forecasts



Release Scenarios

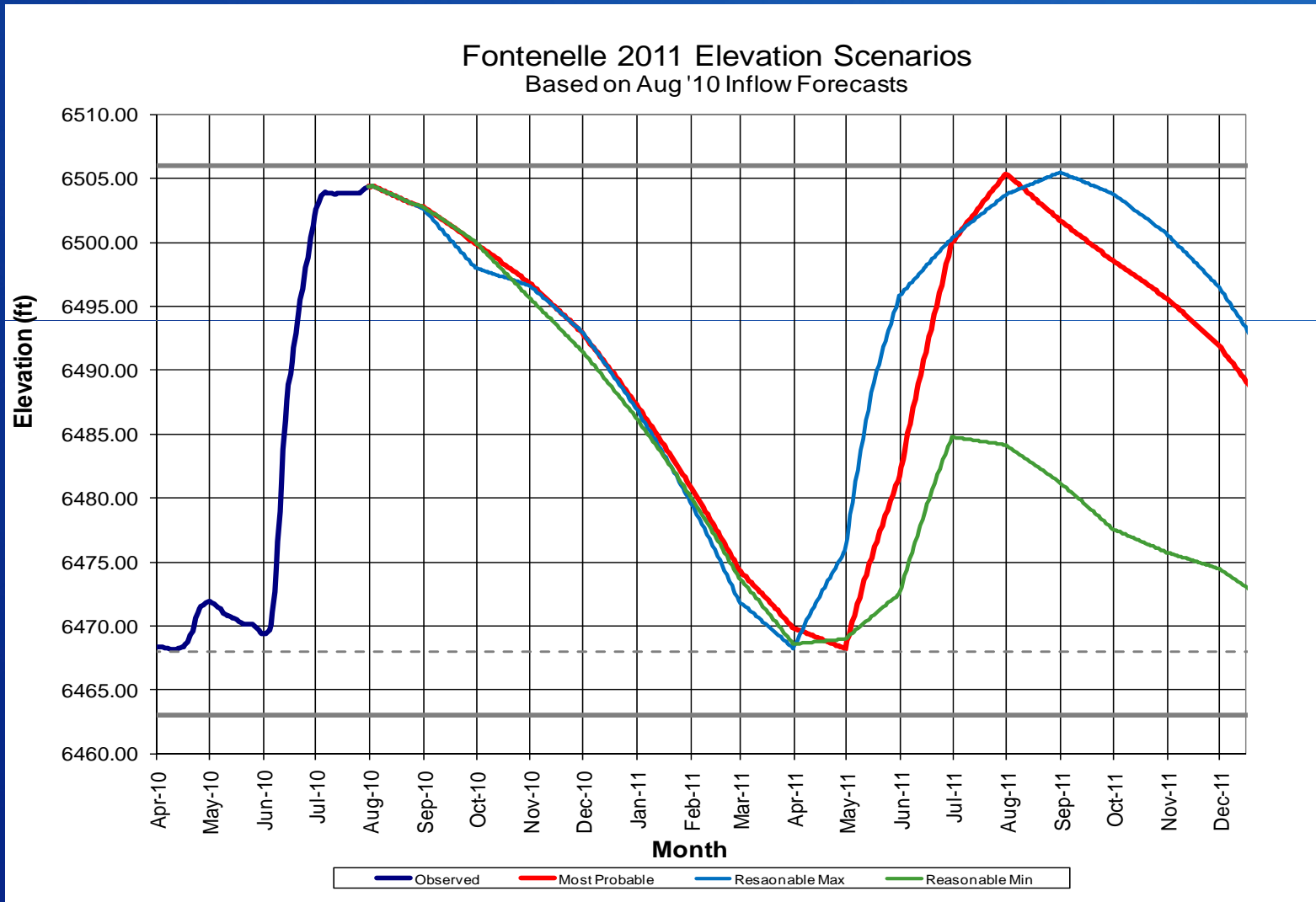
Water Year 2011

Fontenelle 2011 Release Scenarios
Based on August Inflow Forecasts



Elevation Scenarios

Water Year 2011



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Other Topics for Discussion

1. Fontenelle functional exercise
 - Coordination meeting Aug 19th
 - Functional exercise Sept 14th
2. Other Items?

Fontenelle Working Group Meeting August 2010



Other Topics for Discussion?

Questions?

Comments?

Green River at La Barge, WY 6/20/2009

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