

RECLAMATION

Managing Water in the West

Fontenelle Working Group Meeting

April 12, 2007

Rick Clayton-Upper Colorado Region

Hydraulic Engineer

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U.S. Department of the Interior
Bureau of Reclamation

Fontenelle Working Group Meeting

April 2007

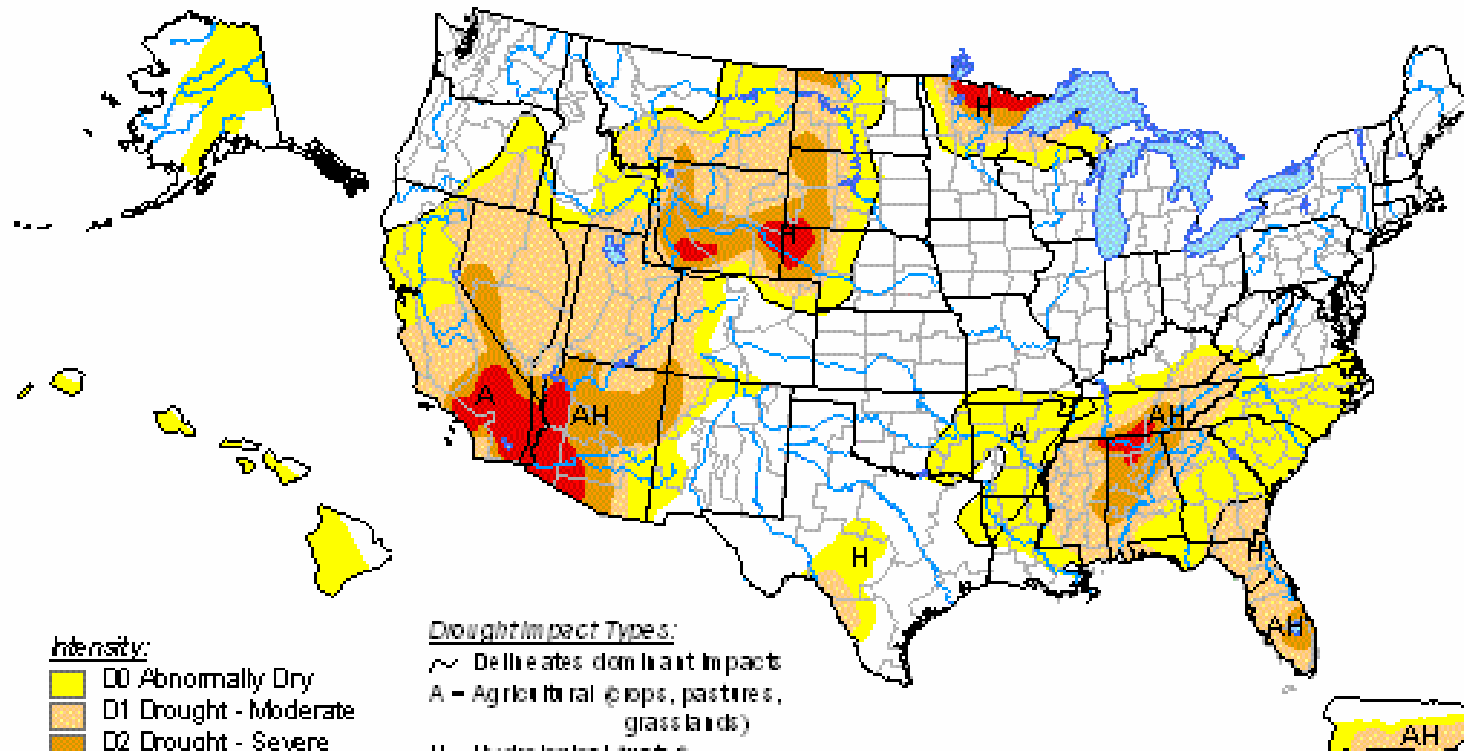
Live Storage Capacity	345,000	AF
<u>Storage on 4/3/07</u>	<u>133,500</u>	<u>AF</u>
Available Space	211,500	AF
Reservoir Elev. (Max)	6506.00	feet
<u>Elevation on 4/3/07</u>	<u>6473.27</u>	<u>feet</u>
Elevation below (Max)	32.73	feet
10 Day Average Inflow	1010	cfs
Current Release on 4/3/07	910	cfs

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
U.S. Drought Monitor

April 3, 2007


Valid 7 a.m. EST



Intensity:

-  D0 Abnormally Dry
-  D1 Drought - Moderate
-  D2 Drought - Severe
-  D3 Drought - Extreme
-  D4 Drought - Exceptional

Drought Impact Types:

-  Delineates dominant impact:
- A = Agricultural (crops, pastures, grasslands)
- H = Hydrological (water)

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://drought.unl.edu/dm>



Released Thursday, April 5, 2007

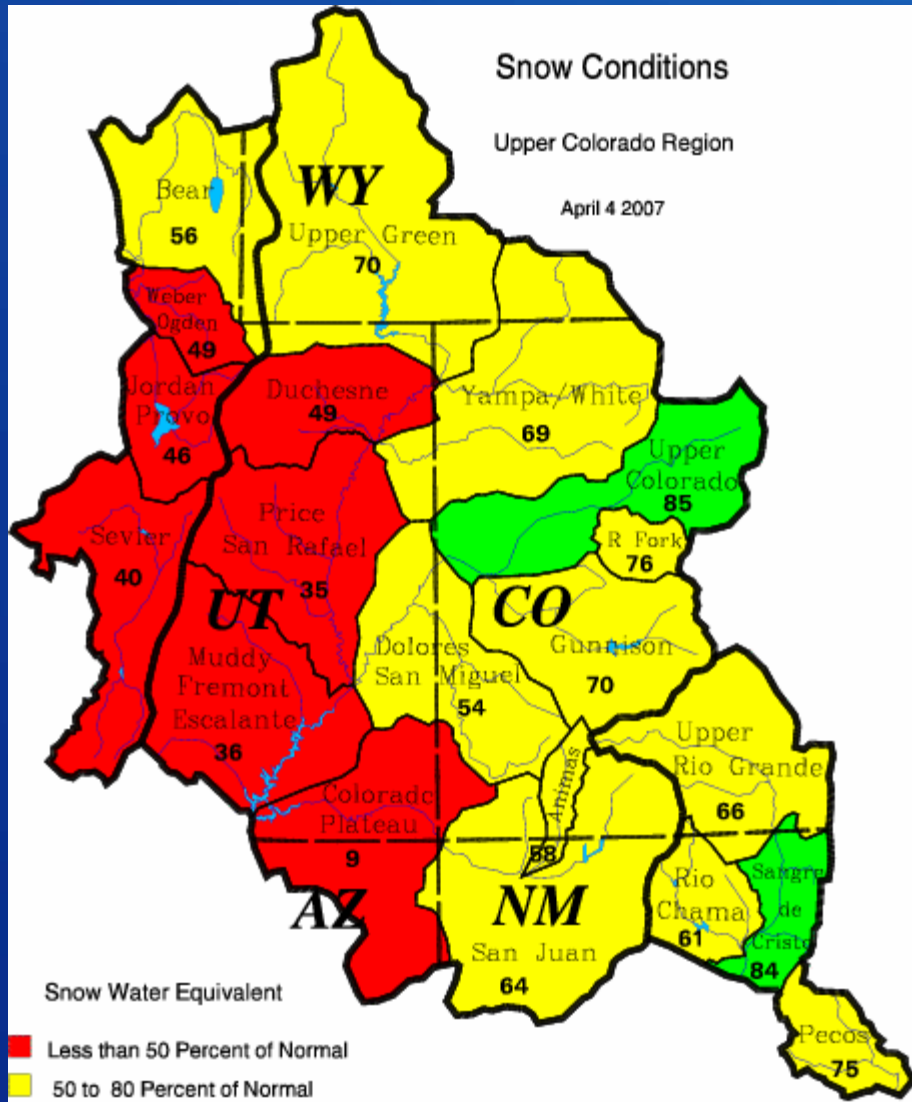
Author: Thomas Heddinghaus, CPC/NOAA

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Snow Conditions

Upper Colorado Region

April 4 2007



Snow Water Equivalent

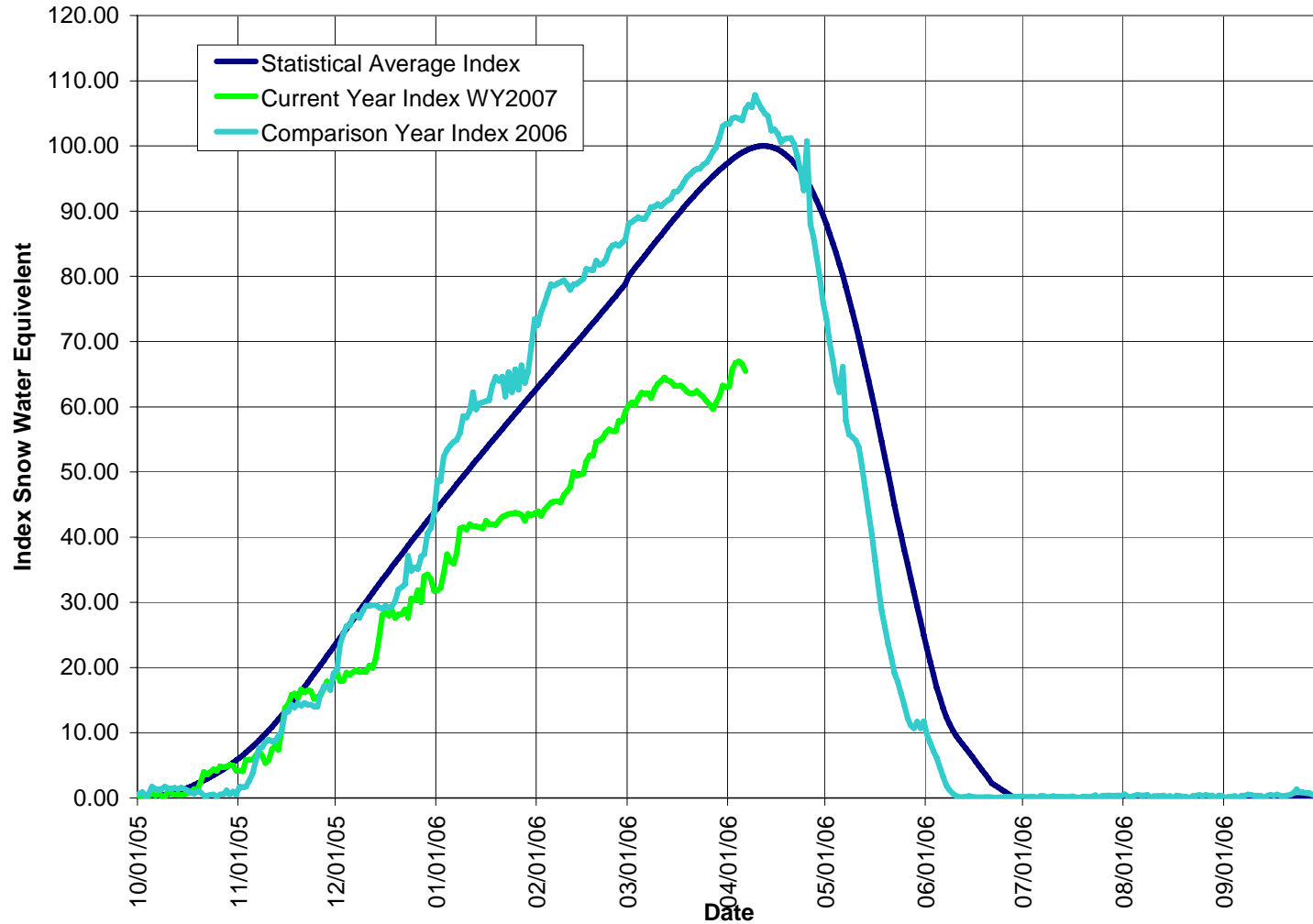
- Less than 50 Percent of Normal
- 50 to 80 Percent of Normal
- 80 to 120 Percent of Normal
- 120 to 150 Percent of Normal
- Greater than 150 Percent of Normal

Upper Colorado
GIS
Region

Data Provided by the Natural Resource Conservation Service

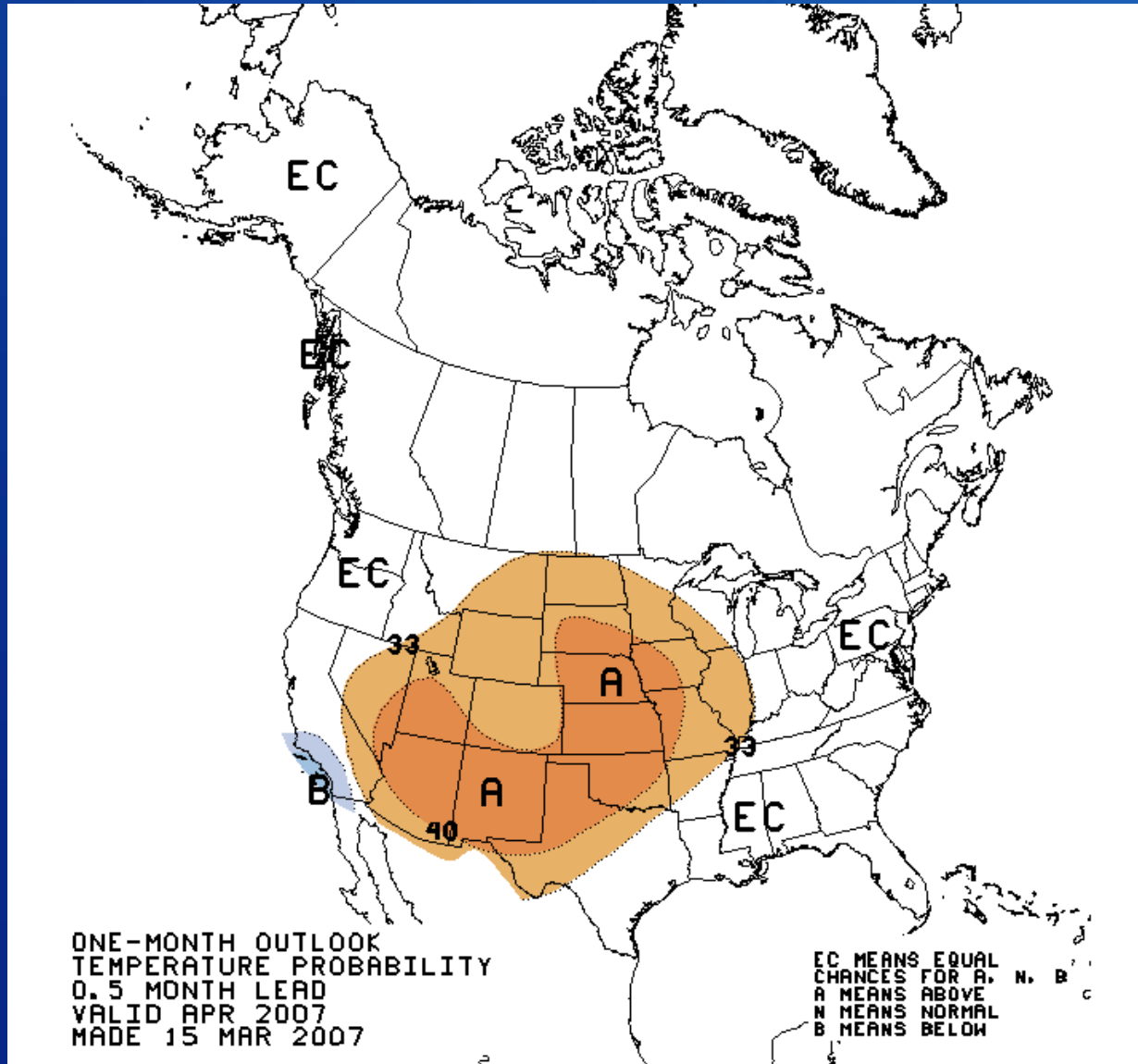
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Upper Green River Basin Snotel Tracking Aggregate of 13 Snotel Sites above Fontenelle Reservoir



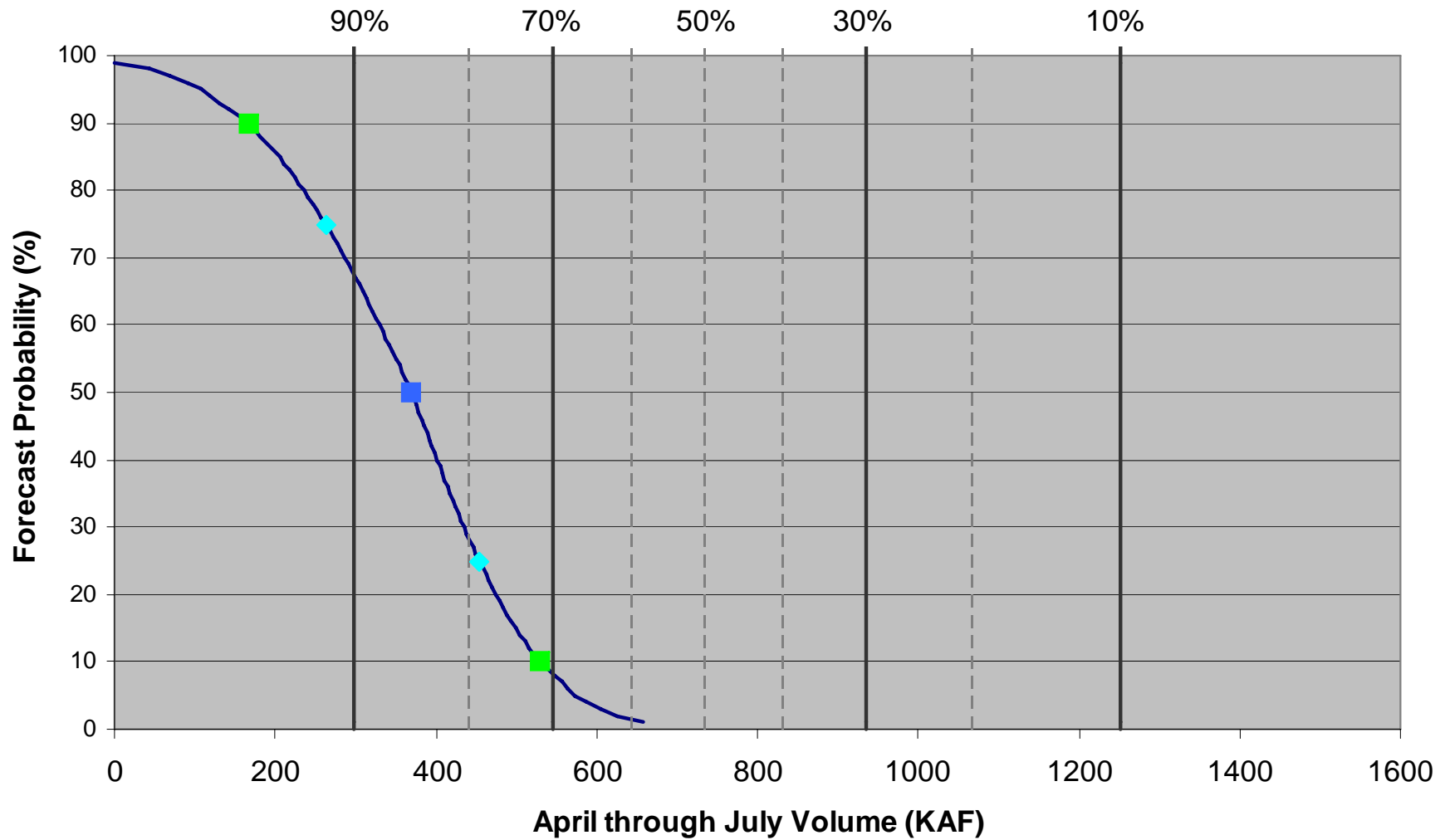
Climate Prediction
Center

30 Day Temperature
Outlook

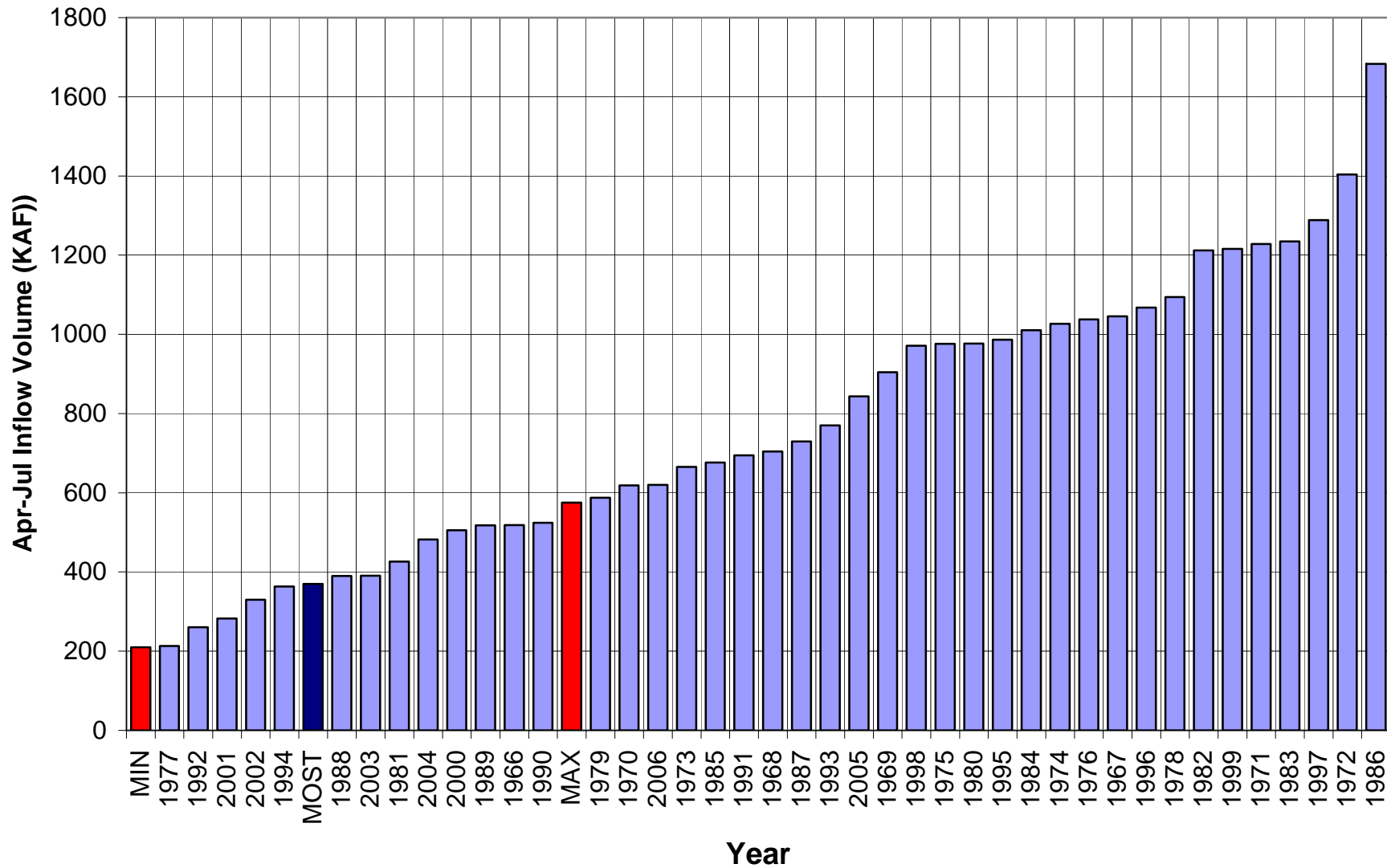


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Fontenelle Reservoir 2007 Apr-Jul Forecasted Inflow (April Official Forecast)
Related to Exceedance Percentages for 1976-2005 Historic Period

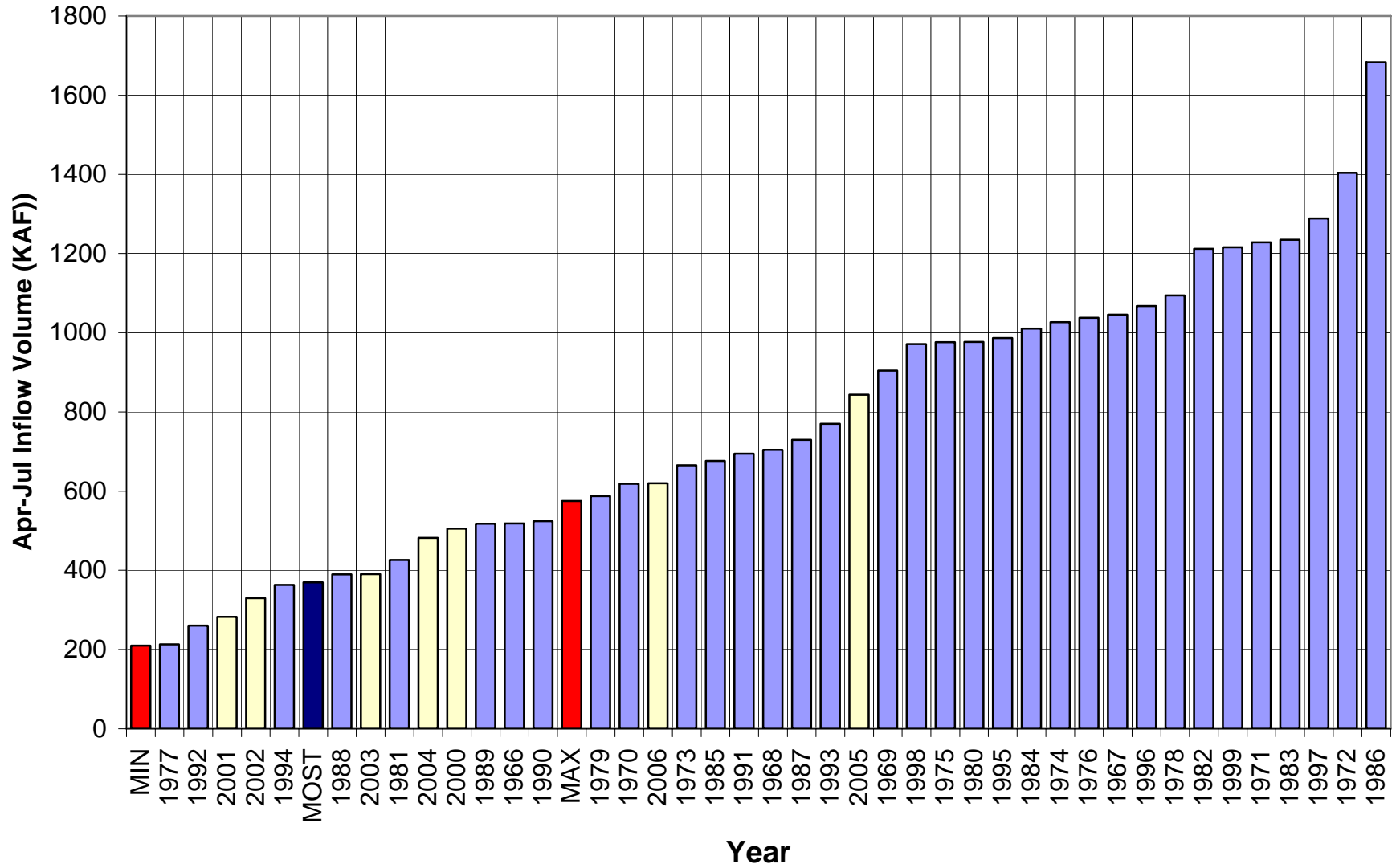


Fontenelle Forecast 2007 Comparison with History

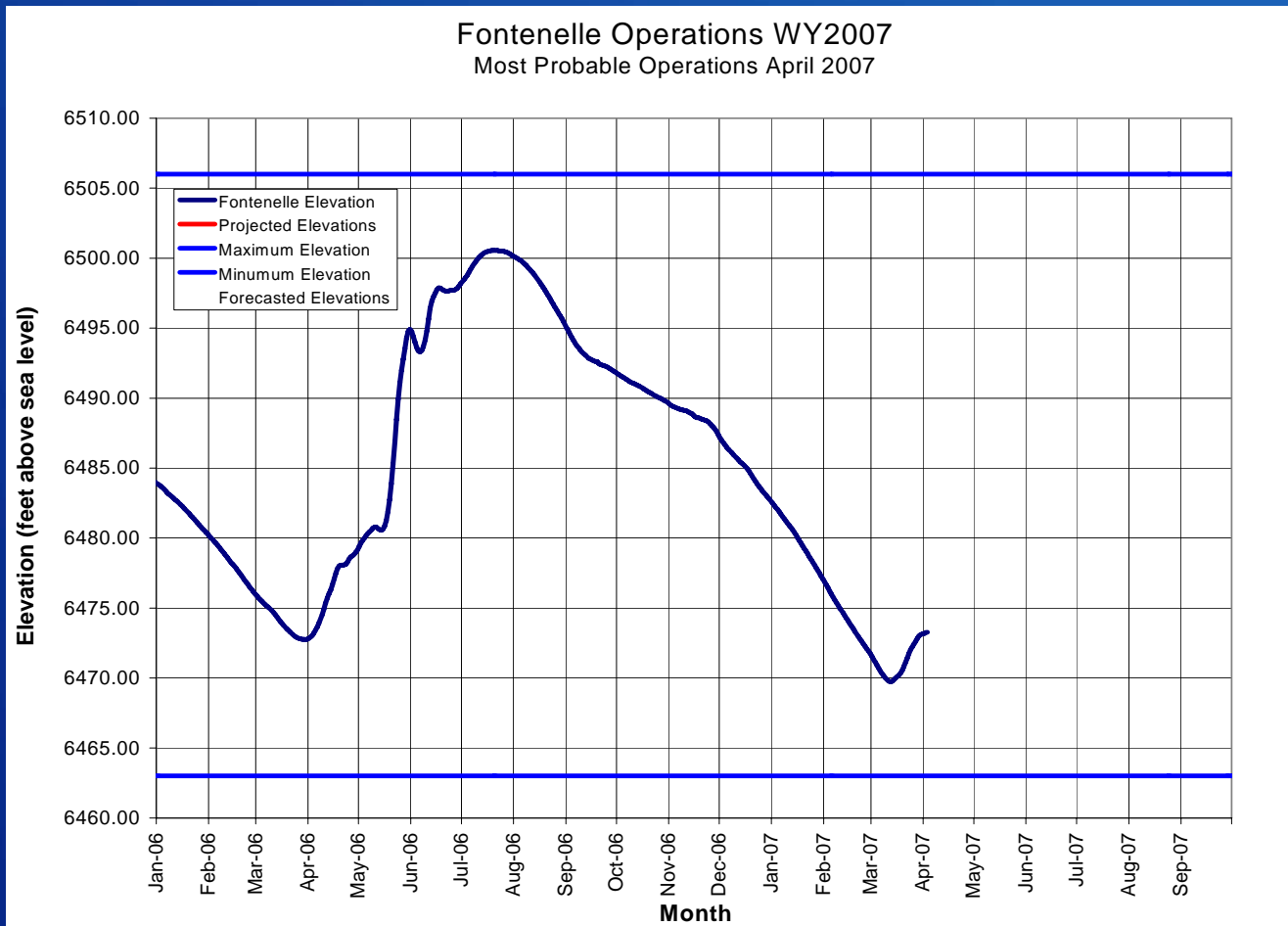


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Fontenelle Forecast 2007 Comparison with History

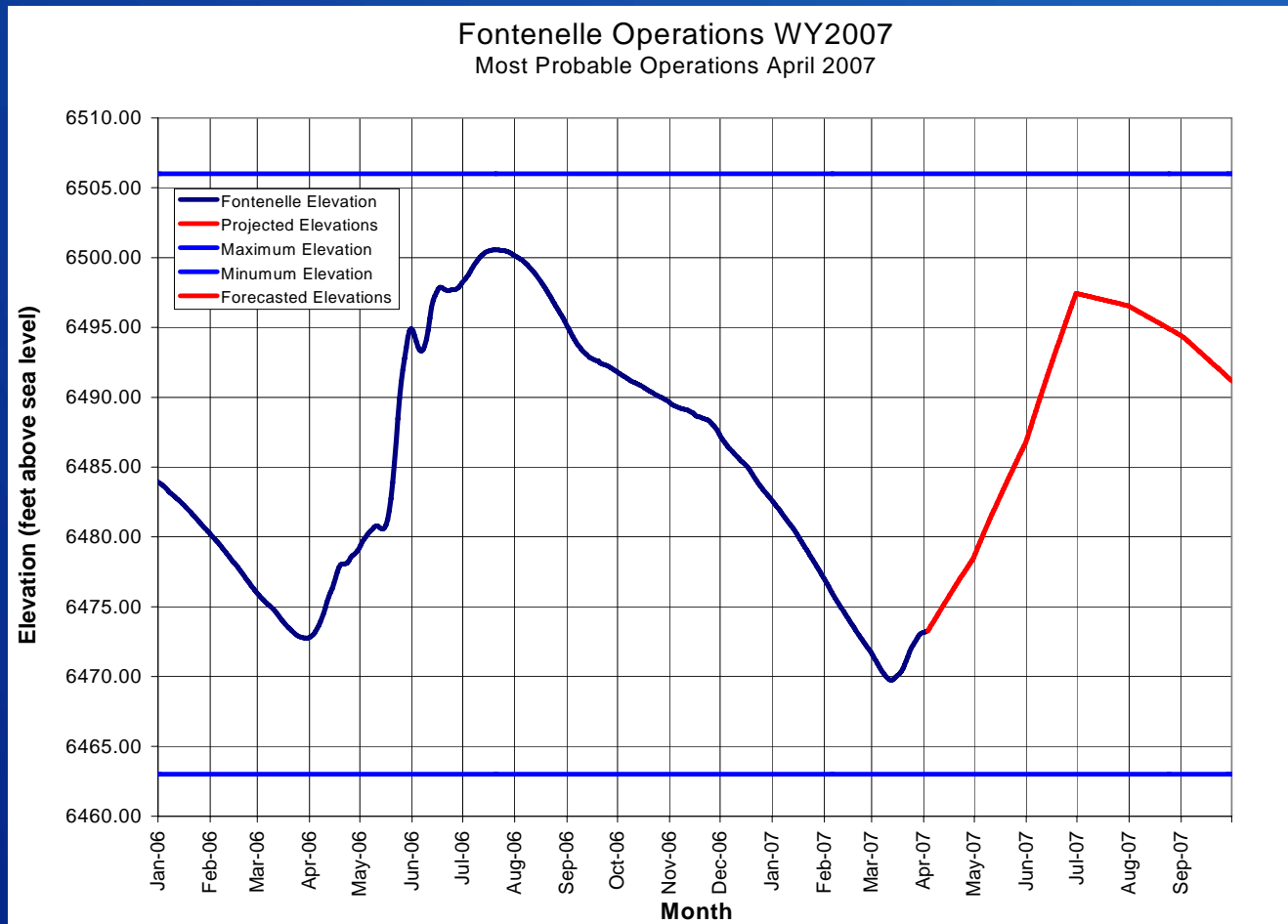


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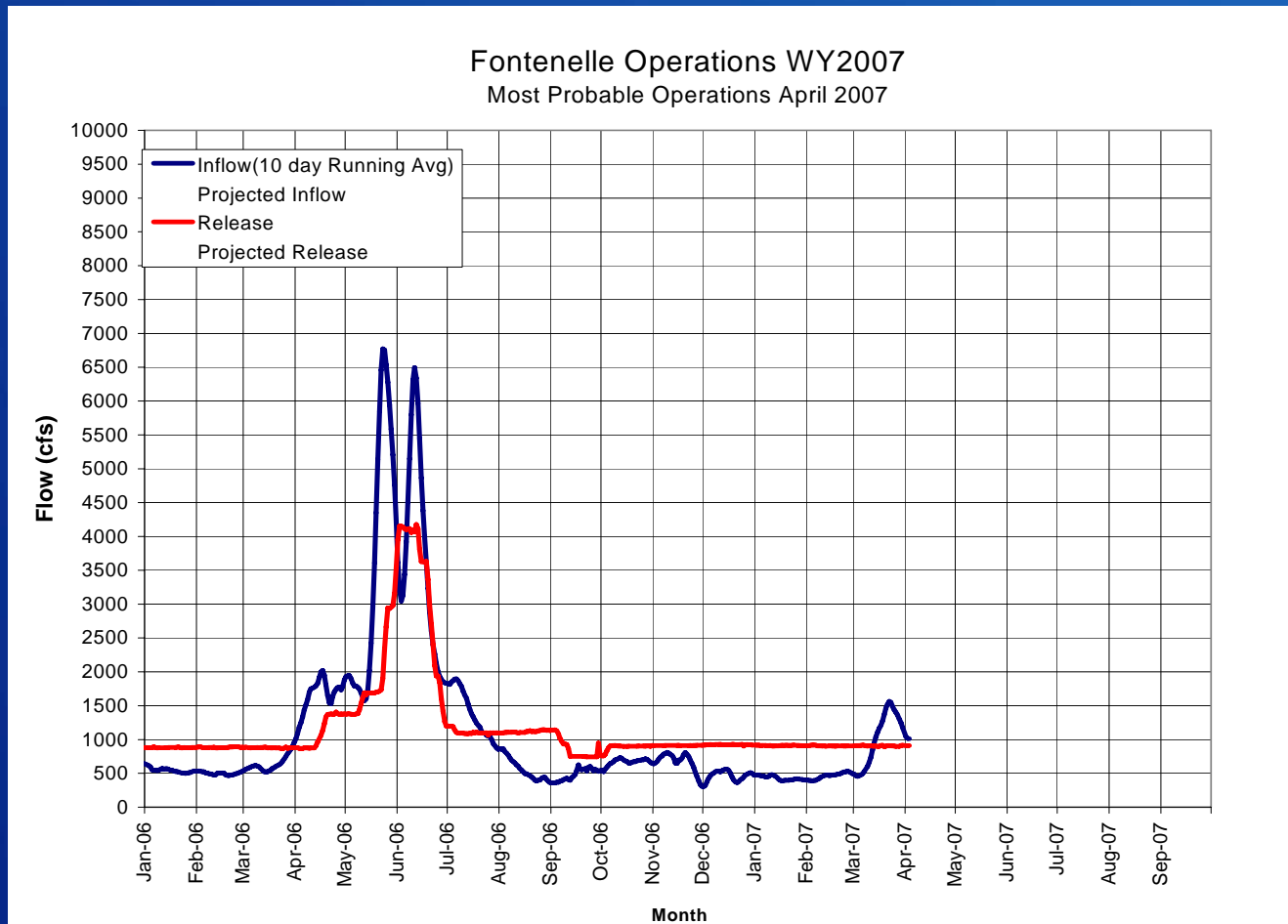
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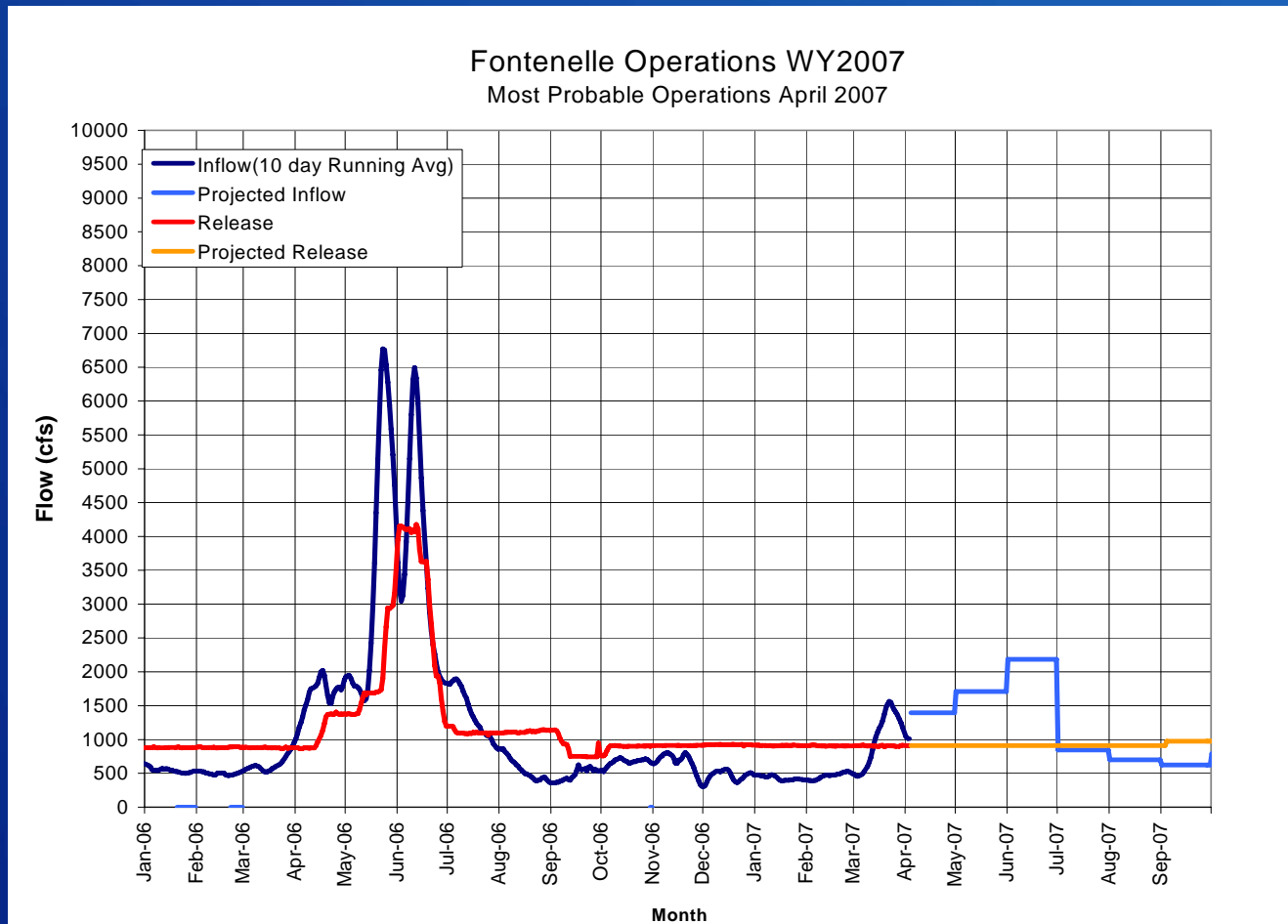
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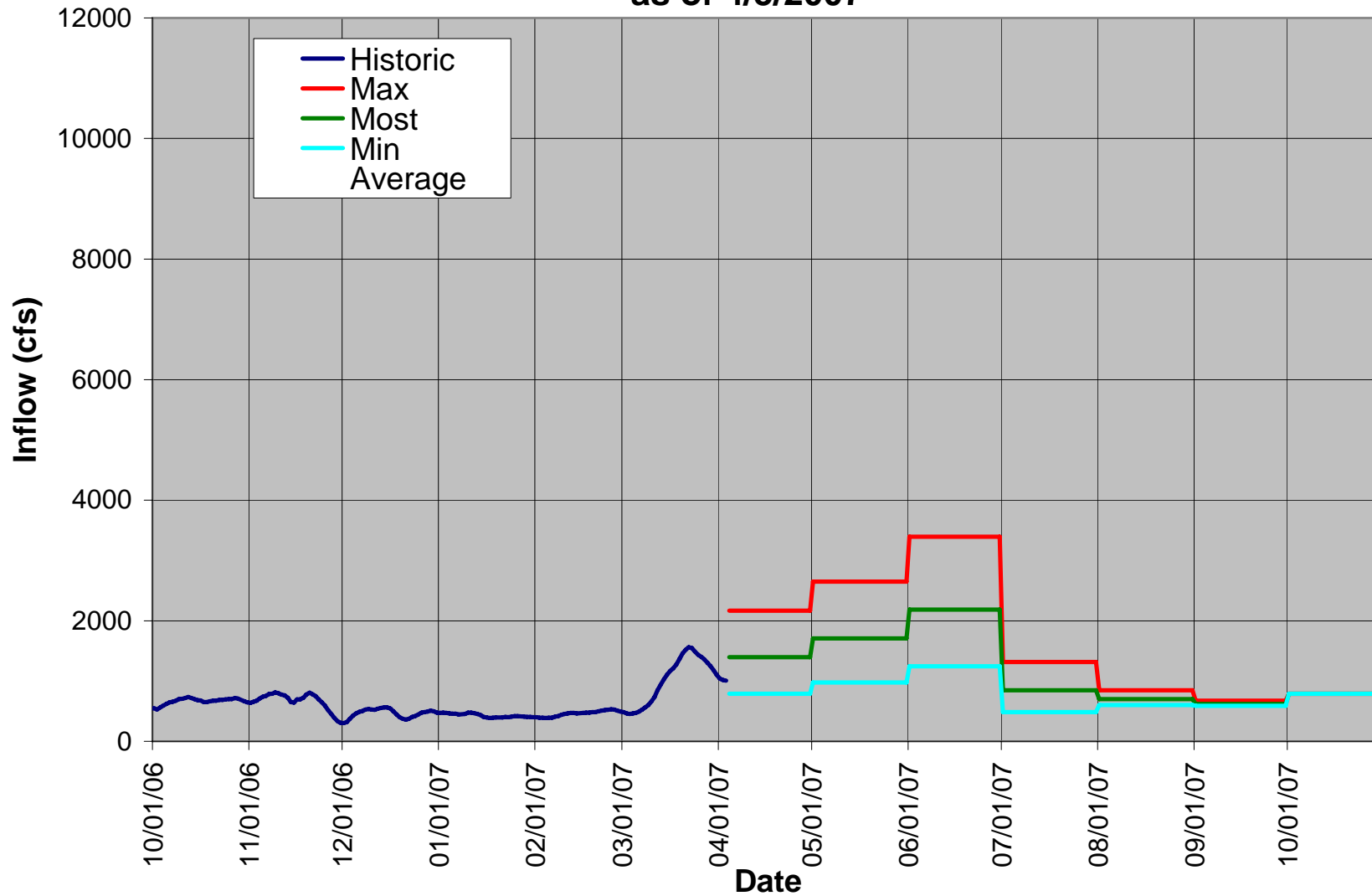
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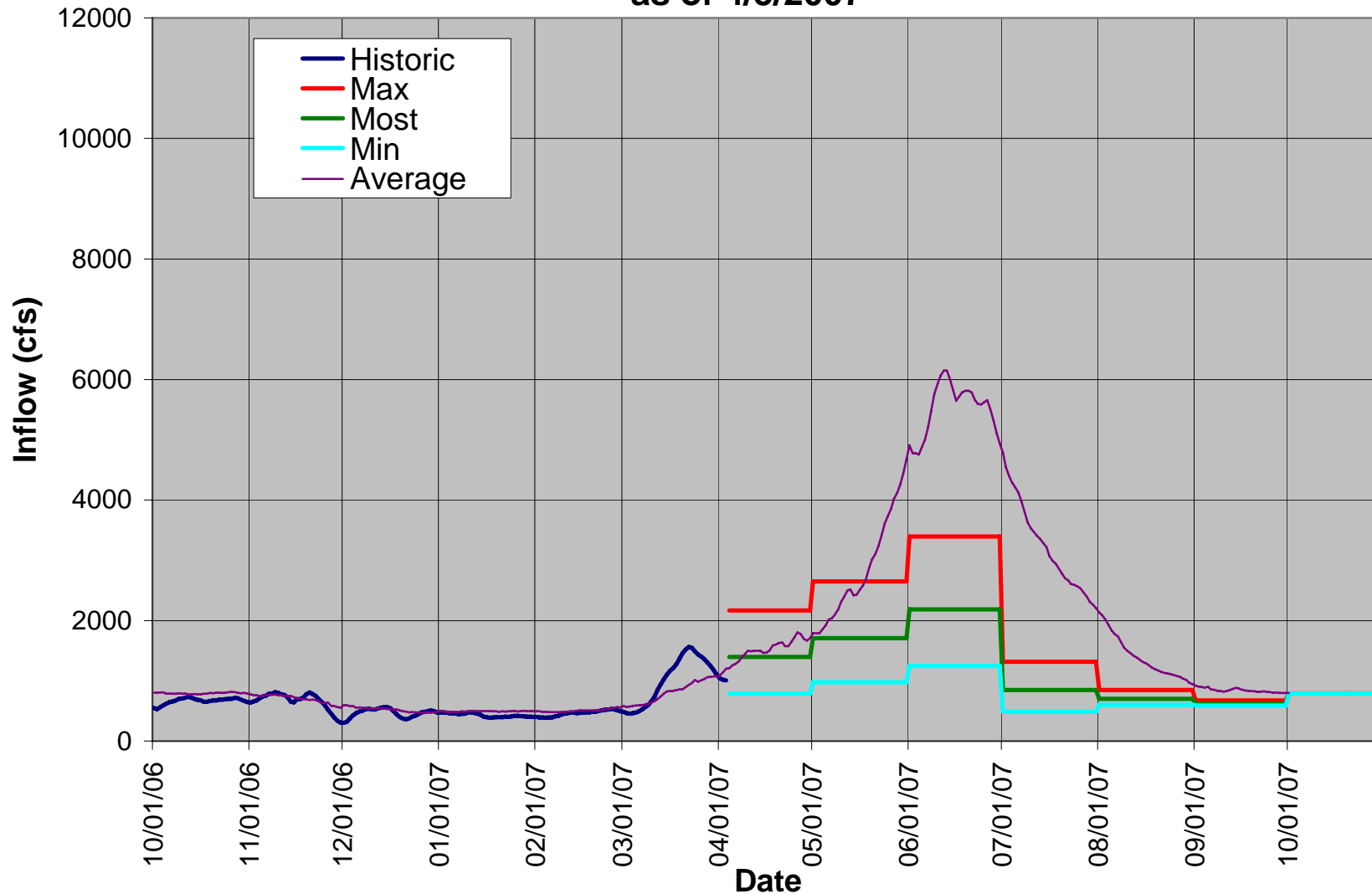


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Fontenelle Reservoir 2007 Apr-Jul Inflow Scenarios as of 4/5/2007

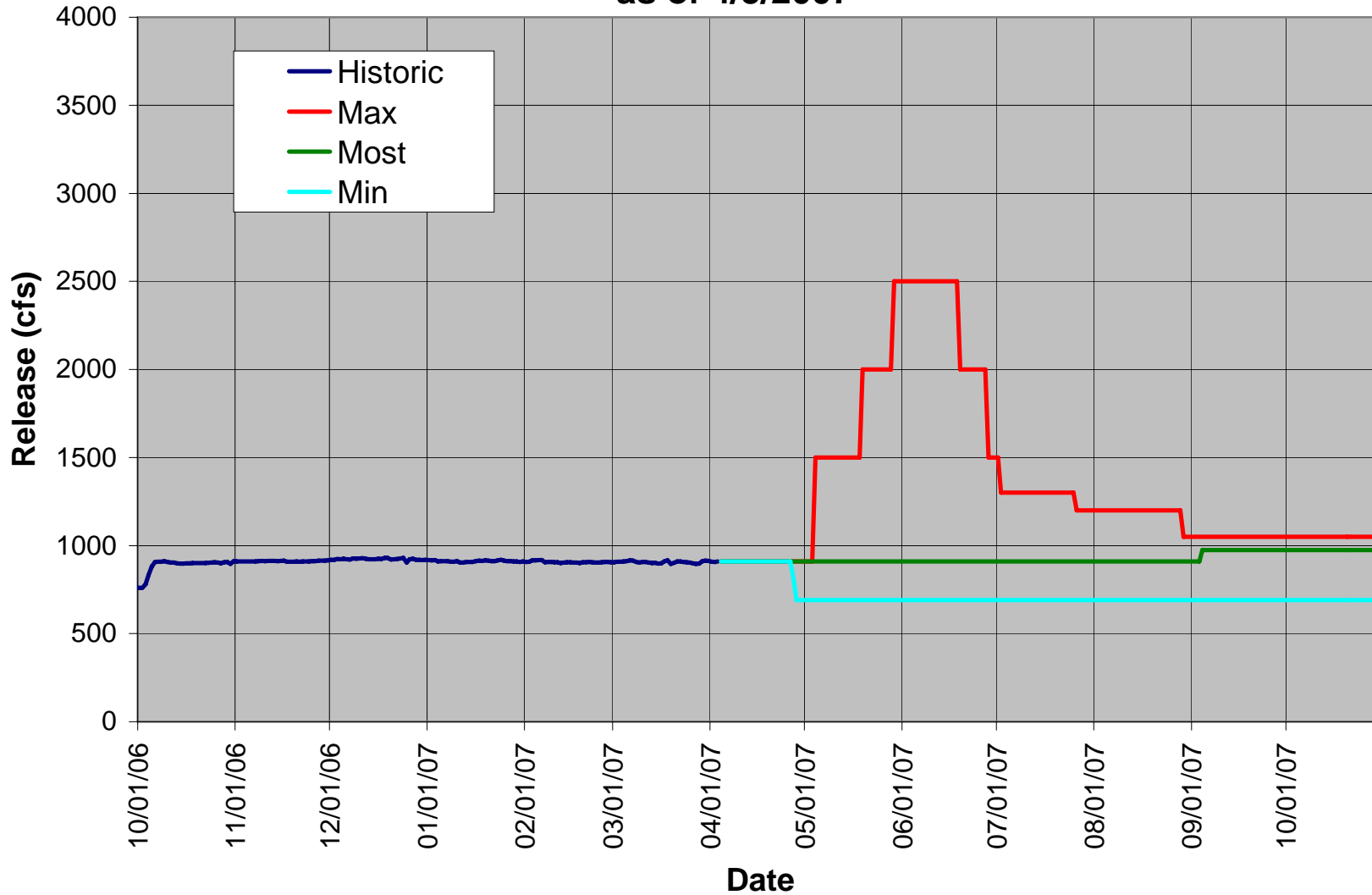


Fontenelle Reservoir 2007 Apr-Jul Inflow Scenarios as of 4/5/2007

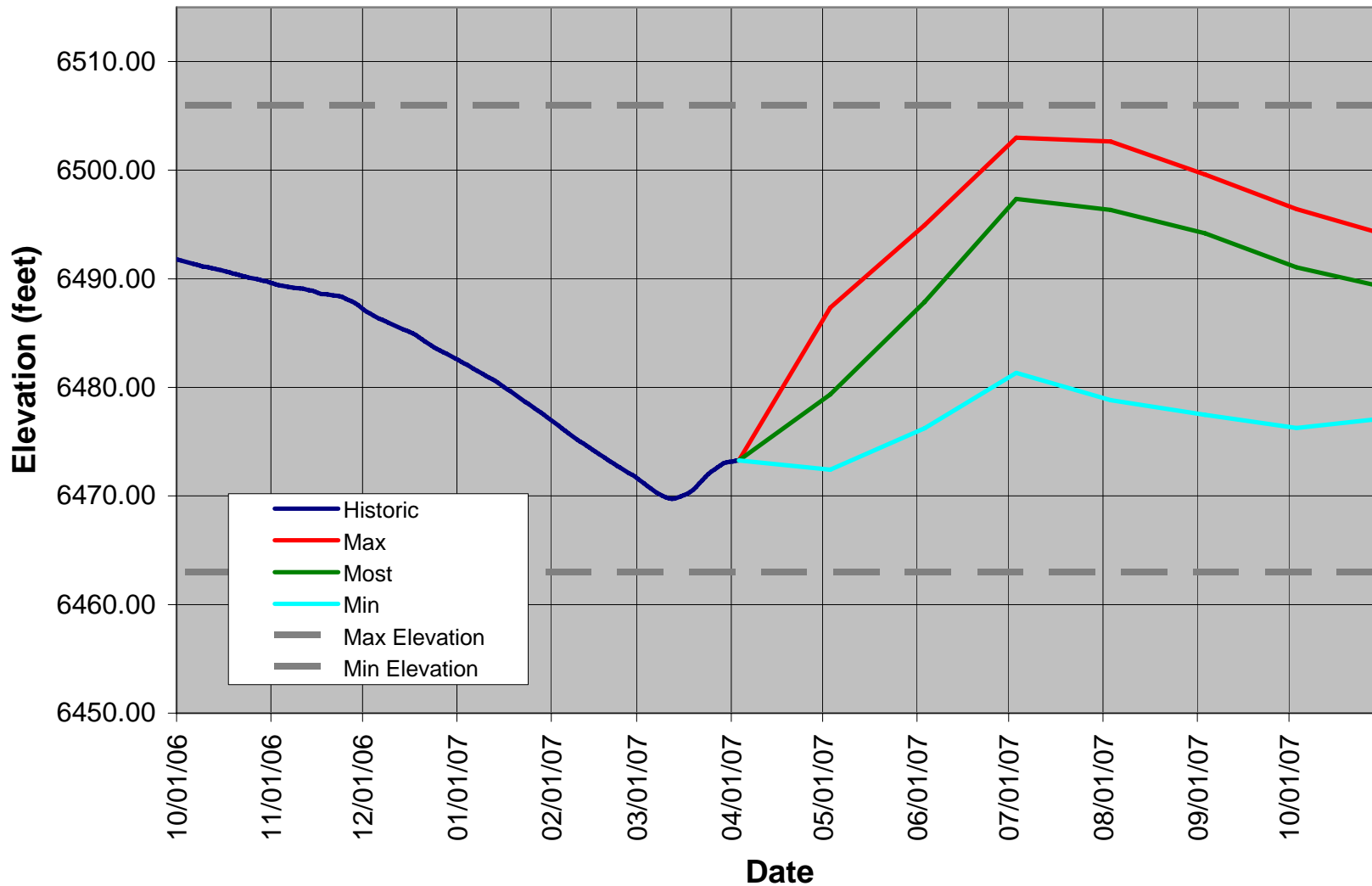


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Fontenelle Reservoir 2007 Apr-Jul Release Scenarios as of 4/5/2007



Fontenelle Reservoir 2007 Apr-Jul Elevations as of 4/5/2007



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