NOTES FOR 2016 WATERSHED FORUM

Model predictive control strategies for implementing rule curves for the Namakan Reservoir / Rainy Lake Watershed

2015 International Rainy-Lake of the Woods Watershed Forum
March, 2016

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University of Notre Dame
Github: http://jckantor.github.io/Rainy-Lake-Hydrology/

OVERVIEW

1. Evidence of Climate Change
2. Discussion

EVIDENCE OF CLIMATE CHANGE

RAINY RIVER DRAINAGE BASIN

Source: International Rainy Lake Board of Control (now IRLWWB)

RAINY LAKE AND NAMAKAN LAKE LEVELS 1911–

Clearly see three rule curve regimes ...

Source: Github Repository for this paper.

DISCUSSION