

Climate Adaptation City of Bellingham Water Supply

April 8, 2011

Clare Fogelsong

Environmental Resources Manager

Lake Whatcom Reservoir



Middle Fork Diversion Dam



Mount Baker and Deming Glacier



Terminus of the Deming Glacier in 2003. The glacier terminus in 1987 was at the prominent increase in vegetation beyond the glacier terminus.





Hydrology Model

- Climate Scenario Assumptions
 - Temperature increase of 2 degree centigrade
 - Meet fish flows
 - Maximize diversion amount

Climate model output

