



# Multipurpose Water Storage Projects in the Red River Basin of Minnesota:

## Outcomes of 48 Years of Project Implementation

Red River Basin Boundary

Red River Basin of Minnesota

Roseau

Thief River Falls

Grand Forks/  
East Grand Forks

Fargo/  
Moorhead

Wahpeton/  
Breckenridge

Wheaton

Roseau Lake Rehabilitation Project



Ross Impoundment Project



Black River Impoundment Project



Agassiz Water Resource Management Project



Dalen Coulee Project



Redpath Impoundment and Mustinka River Rehabilitation Project



As the Red River flows north into Canada, colder temperatures affect how the spring thaw progresses.



These projects represent **only 6 of the 60+** large-scale, multipurpose water storage and flood mitigation projects funded by the Red River Watershed Management Board.

Note: These projects may have engineered and designed natural resource features or they may occur naturally over time due to ecosystem and plant community succession.

### Project Benefits Legend



Water Quality



Water Storage



Upland Game Habitat



Fish Habitat



Pollinator Habitat



Fishing/  
Hunting



Shorebird Habitat



Waterfowl Habitat



Outdoor Recreation



Farming/  
Ag Production



Low Flow Augmentation



Red River Watershed Management Board

[www.rrwmb.us](http://www.rrwmb.us)

Roseau Lake Rehabilitation Project



Acre-Feet of Storage: 22,000

website:  
[http://roseauriverwd.com/Project\\_Roseau\\_Lake.html](http://roseauriverwd.com/Project_Roseau_Lake.html)



Agassiz Water Resource Management Project



Acre-Feet of Storage: 10,670

website:  
<https://mstrwd.org/impoundments/agassiz-valley/>



Ross Impoundment Project



Acre-Feet of Storage: 3,611

website:  
[http://tworiverswd.com/Ross\\_Impoundment.html](http://tworiverswd.com/Ross_Impoundment.html)



Dalen Coulee Project



Acre-Feet of Storage: 370

website:  
<https://www.houstoneng.com/dalencouleewatermanagementstudy/>



Black River Impoundment Project



Acre-Feet of Storage: 4,064

website:  
<http://www.redlakewatershed.org/BlackRiver.html>



Redpath Impoundment and Mustinka River Rehabilitation Project



Acre-Feet of Storage: 19,000

website: [http://www.bdsd.com/Program\\_Template.html](http://www.bdsd.com/Program_Template.html)

