

IDAH

Water Resource Board



Mountain Home Air Force Base (MHAFB) Water Sustainability Project

Association of Western State Engineers Workshop June 26, 2018

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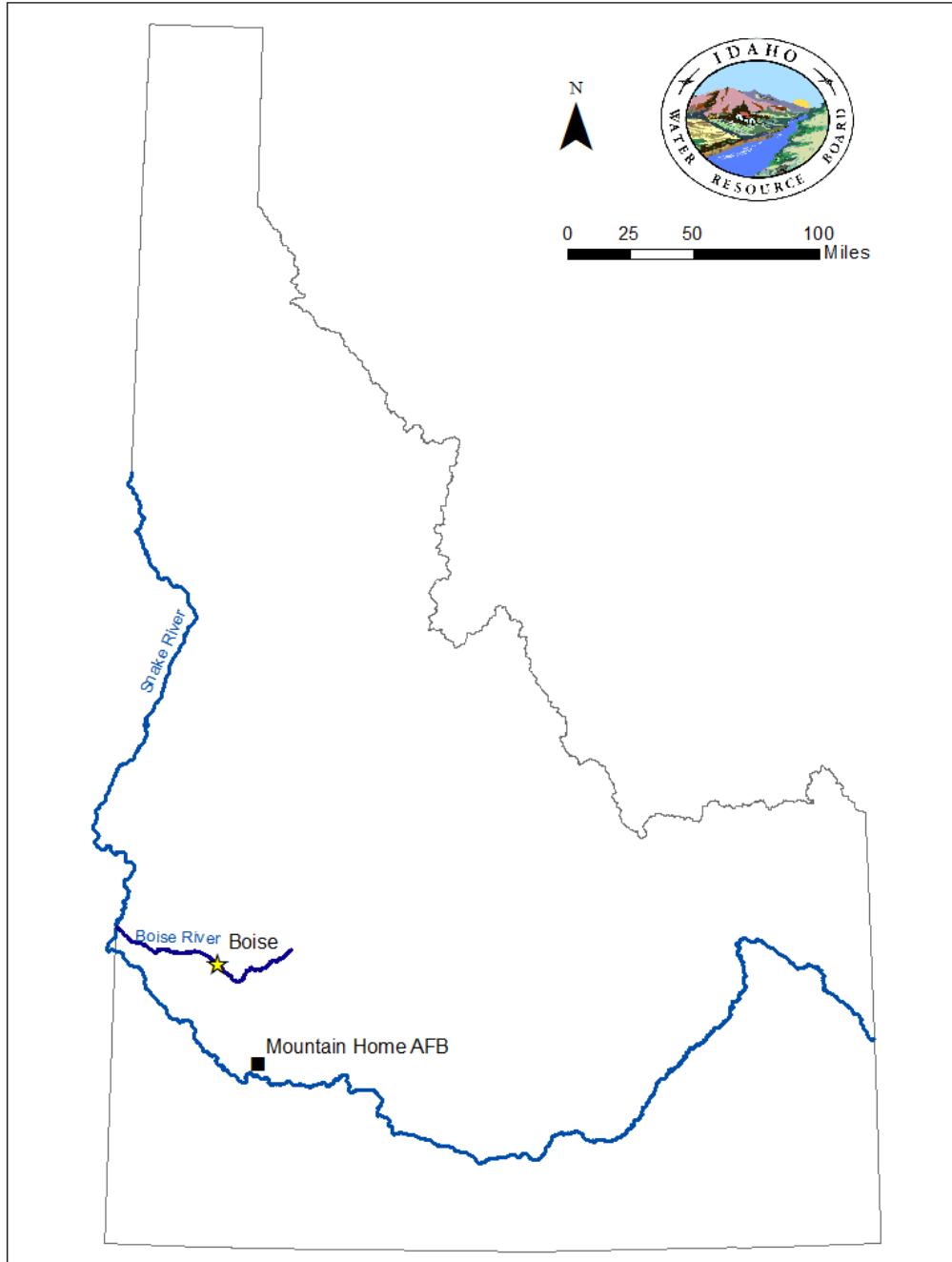


MHAFB Water Supply & Pipeline Project

Situation

- Role & Purpose of the Idaho Water Resource Board (IWRB)





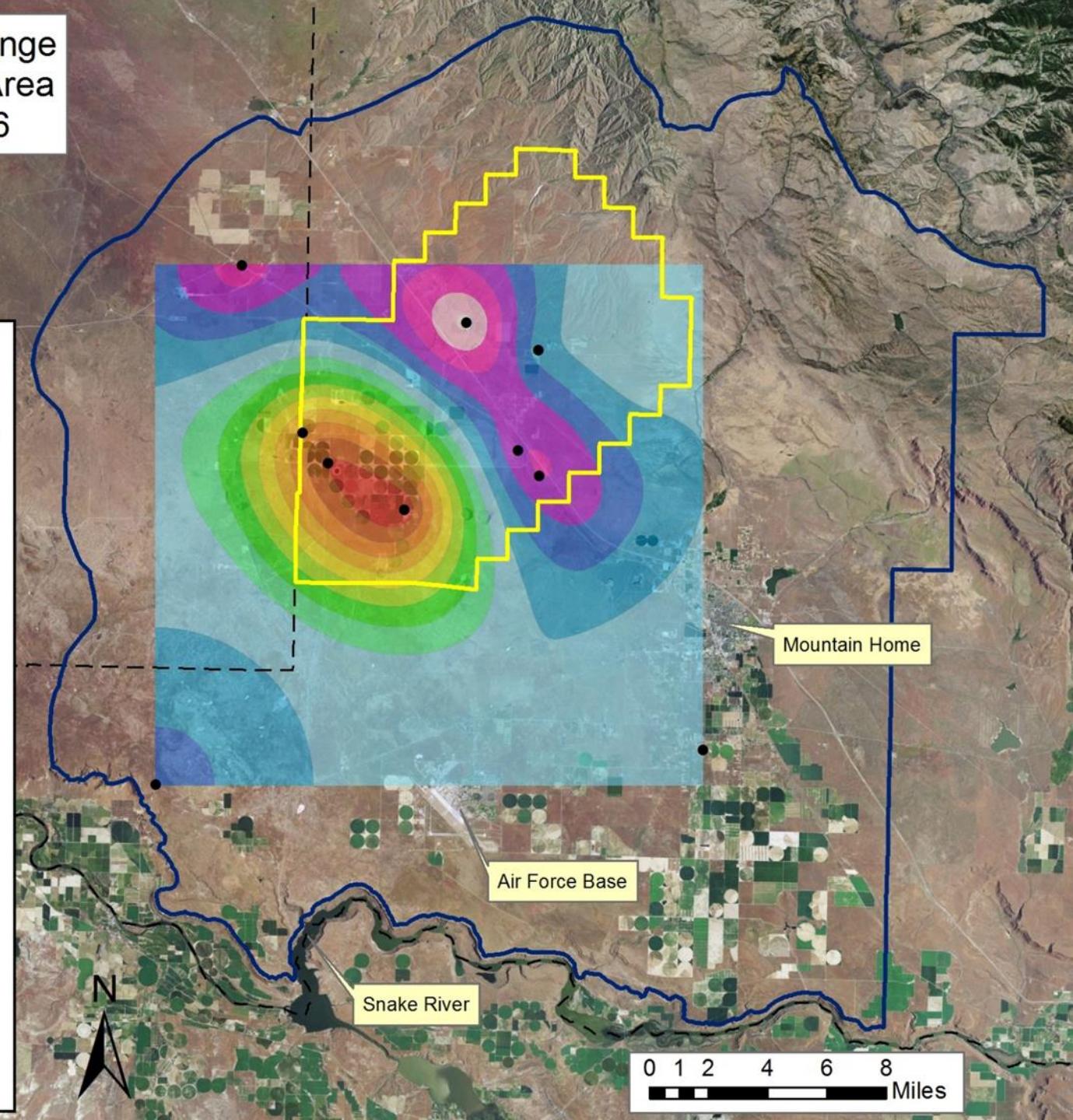
Groundwater Level Change in the Mountain Home Area Fall 1981 to Fall 2016

Legend

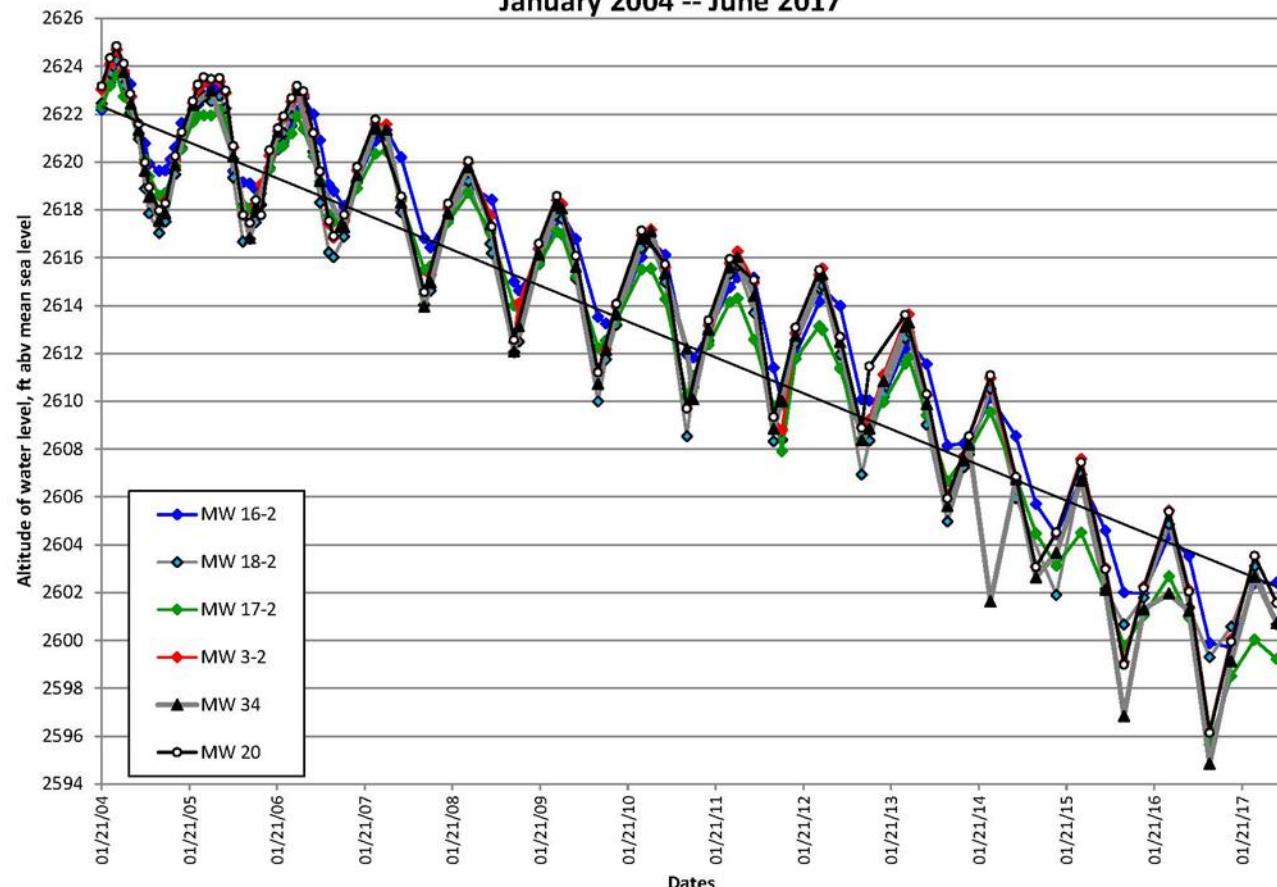
- IDWR Monitoring Wells
- Yellow Box: Cinder Cone Butte CGWA Boundary
- Blue Line: Mountain Home GWMA Boundary
- Dashed Line: County Boundary

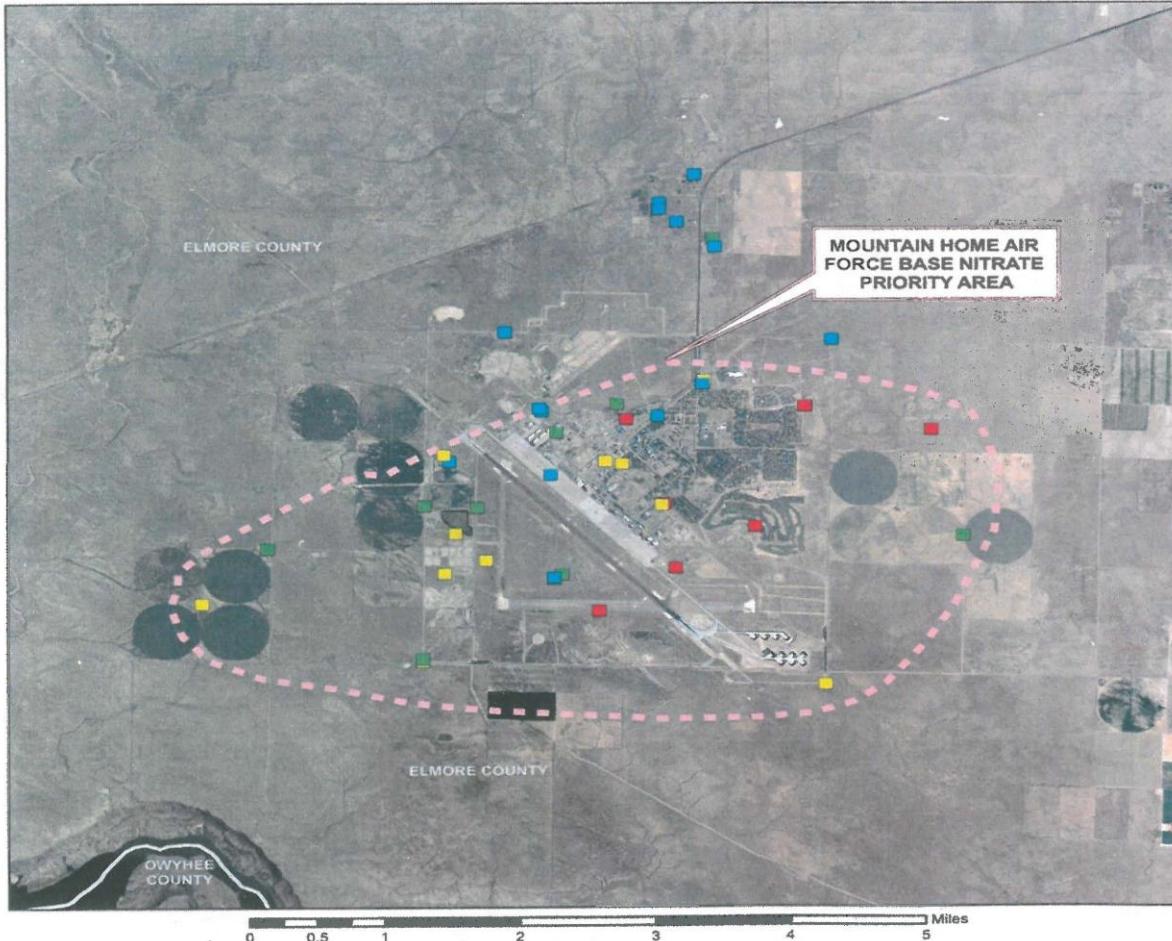
Water Level Change (ft)

- Declines 120 to 130
- Declines 110 to 120
- Declines 100 to 110
- Declines 90 to 100
- Declines 80 to 90
- Declines 70 to 80
- Declines 60 to 70
- Declines 50 to 60
- Declines 40 to 50
- Declines 30 to 40
- Declines 20 to 30
- Declines 10 to 20
- Declines 0 to 10
- Rises 0 to 10
- Rises 10 to 20



Altitude of water-levels, MHAFB monitoring wells
January 2004 -- June 2017





**MOUNTAIN HOME AFB
NITRATE PRIORITY AREA
FOR GROUND WATER**

Legend

Nitrate Concentrations

Milligrams per Liter (mg/L)

- Non-detect - 1.99
 - 2 - 4.99
 - 5 - 9.99
 - ≥ 10

Nitrate Priority Areas, 2008

★ Cities

County Boundaries

Nitrate Priority Area - 25% of samples are greater than or equal to 1/2 drinking water standards or 5 mg/L

EPA Drinking Water Standards
for Nitrate is 10 mg/L



September 2008

Bangladesh General Water Supply and Drainage Board Ltd., Dhaka - National Water Supply and Drainage Board, Dhaka, Bangladesh, is a public sector organization, established in 1975, to manage and manage of all national water supply and sanitation and related to the sector of capital investment in National Water Supply and Drainage Board, Dhaka, Bangladesh. The organization is engaged in the planning, development and implementation of various water supply and drainage projects throughout the country. The organization is also involved in the management of water resources and the development of water resources management and water supply and drainage systems.

Western Bank of Louisville. Scrutinize the State of Indiana and the Indiana Department of Insurance to determine whether the Western Bank of Louisville has ever been the subject of any inquiry or investigation by the Department of Insurance or by any other state insurance department. If so, determine the nature of the inquiry or investigation and the results of the inquiry or investigation. If the Western Bank of Louisville has ever been the subject of any inquiry or investigation by the Department of Insurance or by any other state insurance department, obtain a copy of the inquiry or investigation report and the results of the inquiry or investigation. The Western Bank of Louisville is to be approached as a potential candidate for acquisition by the Indiana Department of Insurance.



MHAFB Water Supply & Pipeline Project

Project Vision

- Original Feasibility Study by MHAFB
- State Support for the Project Feasibility
- Project Concept





MHAFB Water Supply & Pipeline Project

Project Implementation & Status

- Water Utility Service Contract (WUSC) being negotiated
- Project Delivery Selection and Status
- Environmental Assessment
- Project Award in 2019
- Project Completion Expected in 2021





MHAFB Water Supply & Pipeline Project

Lessons Learned & Take Aways

- Collaboration is Key When Solving Complex Problems
- Adapt When Unanticipated Constraints Arise
- Patience





MHAFB Water Supply & Pipeline Project



Questions?

