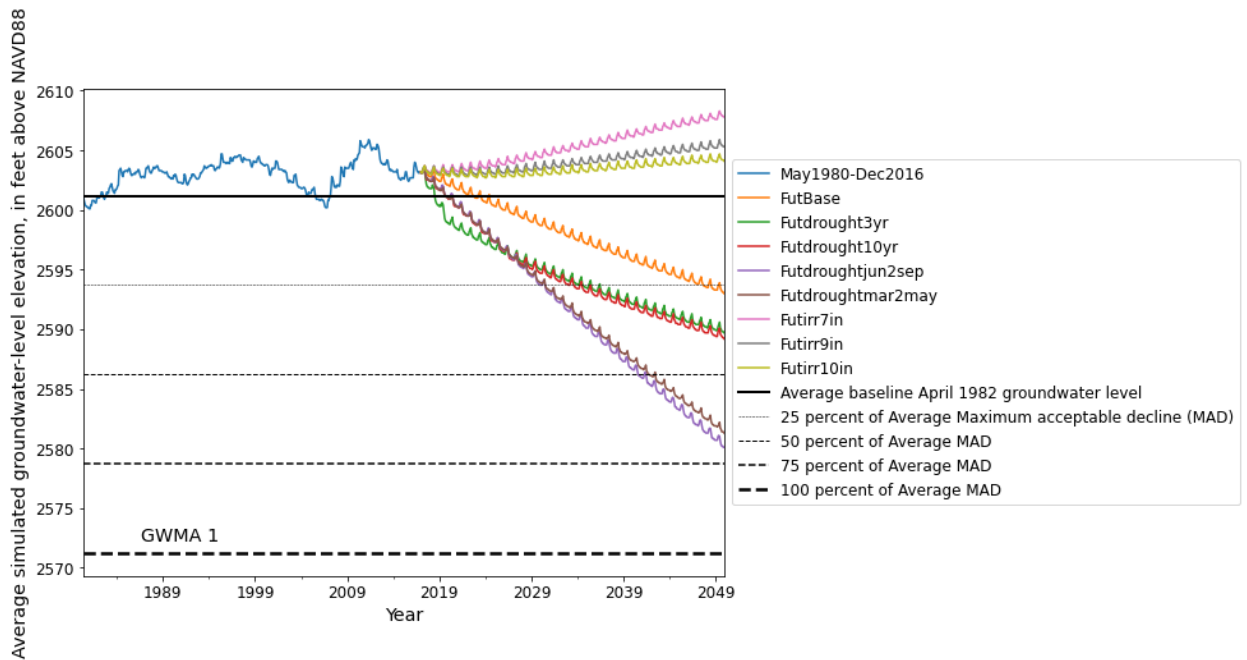


**Groundwater Management Program Review for Water Sustainability,
 Central Platte NRD**

**WSF # 4124
 Final Report
 29 March 2021**

Project Description: The CPNRD worked with the United States Geological Survey (USGS) to develop an updated groundwater model to evaluate the effectiveness of the CPNRD’s current groundwater management plan under various climate scenarios. The CPNRD will use the results of this model to inform updates to the District’s Groundwater Management Plan that are currently underway. The model focused on the potential outcome for groundwater levels under various short and long-term drought situations. The new GW model will use the USGS MODFLOW – OWHM modeling program.



Project Outcomes: The MODFLOW – OWHM model results are summarized in a final USGS publication report that will be available online. The Water Sustainability Fund contributed \$249,900 to the project, while the CPNRD contributed \$166,600, for a total project cost of \$416,500.