

Groundwater Management Fiscal Impact Statement



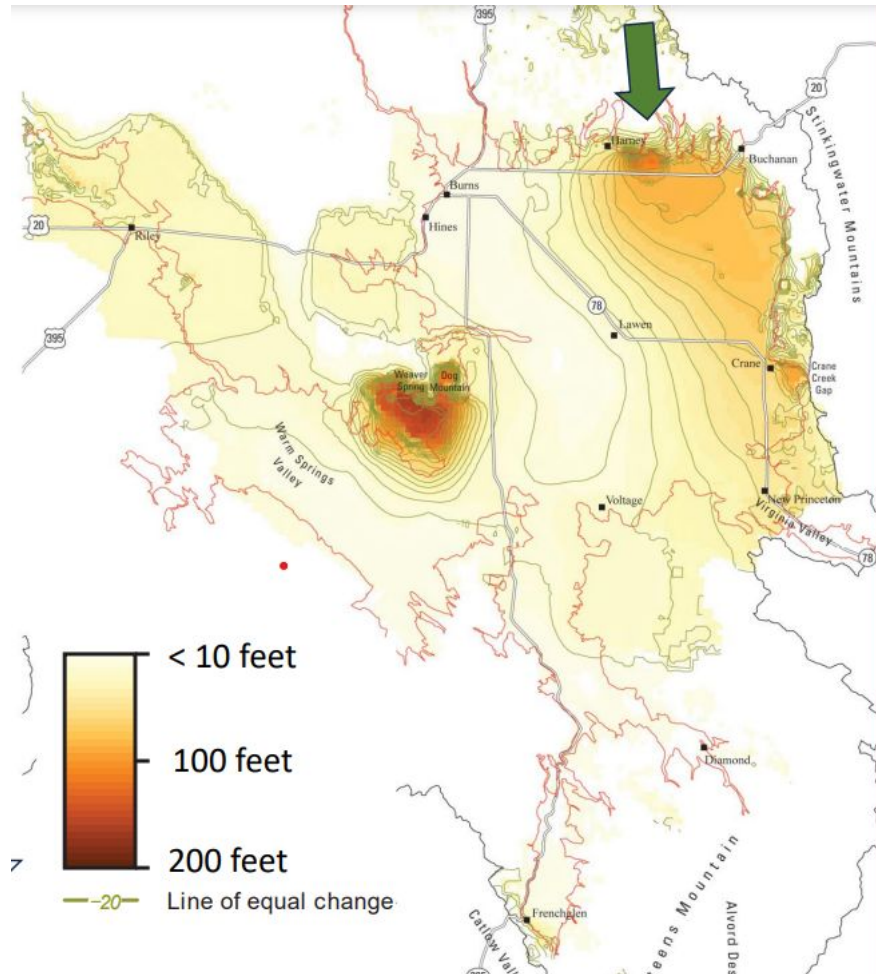
Harney GW RAC Discussion Groups – 09.17.24

Example Management Scenarios

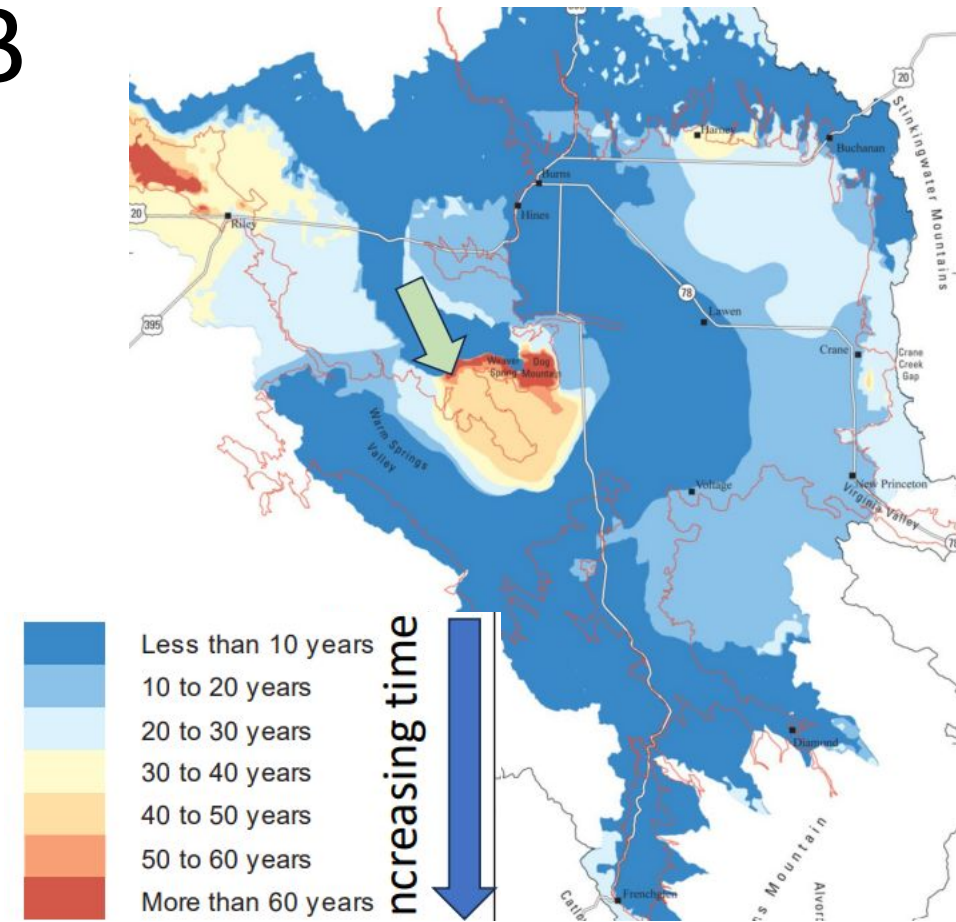
- USGS model report looked at two scenarios (both hypothetical):
 - Scenario A - Continue 2018 pumping until 2100 (status quo).
 - Scenario B - All groundwater pumping ceases after 2018 until 2100 (no groundwater pumping).
- OWRD management scenario:
 - Scenario C – OWRD implements PTW in 15 subareas
 - Results not yet available/presented
- TNC explored different levels reductions (10%, 40%, 65%) to see how it played out in different areas of the basin – for learning purposes only
- OSU explored 15 different scenarios along with economic impact
 - Not yet published/available

USGS Scenario Results (example outputs)

A



B



Discussion Group: Developing up to 3 Additional Management Scenarios

The group on 9/16 discussed the following:

- Possible delineation of management areas (5-6 areas discussed along with additional considerations)
- For each potential management area current conditions/problems metrics or indicators of success were discussed
- For those in attendance:
 - Some areas are “fine” but otherwise want to avoid future problems
 - Minimal reductions in groundwater pumping in some areas
 - Moderate reductions in groundwater pumping in some areas
 - Significant reductions in groundwater pumping in some areas
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Categories of Fiscal/Economic Impact

Impacts to irrigated agriculture and associated services (trickle affect)

Impacts to domestic wells/rural residents (quality of life/livability)

Impacts to stockwater wells and ranching

Ecological impacts/impacts to springs

Impacts on recreation/tourism

Impacts to local governments (County, City)

Impacts to education and public services

Activity – Identify Categories of Fiscal/Economic Impact

- On sticky notes write down categories of fiscal impact (what
- Get together with a partner and compare notes – combine similar sticky notes and discuss what is different
- Get together with another pair to compare notes – combine similar sticky notes and discuss what is different
- Debrief as a big group

