

# Water District 110 Annual Meeting

02/10/2021  
1:30 PM  
IDWR (Zoom)  
900 N Skyline Dr. Ste. A  
Idaho Falls, ID 83402

## Agenda

Call the Meeting to Order	Kirk Jacobs
Election of Chairman and Secretary	Kirk Jacobs
Review of 2020 Minutes	Blake Jordan
Financial Report	Blake Jordan
Proposed Budget	Blake Jordan
Resolution review	Blake Jordan
Watermaster Report	Bob Peck
Election of Advisory Committee	Chairperson
Chairman's Report	Chairperson
Other Business	Chairperson
Adjournment	

## Additional Information

(200m)

[illegible]

Meeting Minutes Water District 110  
Annual Committee Meeting 2020  
February 12, 2019  
West Jefferson High School, Terreton ID

1:30pm the meeting was called to order by Kirk Jacobs.

A motion for Kirk Jacobs to be the chairman and Cher Ramos to be the secretary was made by Daren Bitter, seconded by Don Parker, with all in favor.

Time was given to review the 2019 annual meeting minutes. Don Parker moved to accept the minutes and Daren Bitter seconded the motion and the motion carried.

Cher Ramos continued with a review of the financial reports, which included a review of the 2019 budget and actuals and the current standing of the bank account.

Blake Jordan presented the 2020 proposed budget with a short review of 2019. The proposed budget for 2020 is \$81,009 which has substantially decreased from last year.

Blake Jordan presented the resolutions with the only change being the dates and proposing a change in terminology for finance charges from May 1<sup>st</sup> to a more flexible "within 30 days" to accommodate invoices that must be re-sent out due to bad addresses, etc. Don Parker moved to accept the proposed budget, and the resolutions as submitted. Daren Bitter seconded the motion with all in agreement.

Blake presented some legislative changes to Idaho code that are on the slate for this year.

Jared Adamson presented the watermaster report. There was discussion about water outlook and whether results are being seen as a result of recharge or other factors.

Daren Bitter made a motion to retain the current advisory committee for the 2020 year. This was seconded by Farrel Downs, and the motion carried.

Kirk expressed appreciation toward IDWR for all the work they have provided this year, and for keeping the budget down.

Kirk opened the floor for other questions, concerns or comments. There were no other items of business.

2:23pm Don Parker moved to adjourn the meeting. Lynn Burtenshaw seconded and all were in favor.



Cher Ramos, Meeting Secretary

2/12/2020

Date

**Water District 110**  
**2020 2021 Resolutions**

1. That the watermaster perform the duties as required by Chapter 6, Title 42, Idaho Code and in accordance with:
  - 1) The duties described in the Final Order Creating Water District 110, signed by the Director of the Idaho Department of Water Resources (IDWR), April 17, 2006, including:
    - a) Measure, record and report diversions of ground water right included in Water District No. 110;
    - b) Administer and enforce water rights in Water District No. 110 in priority;
    - c) Curtail unauthorized or excessive diversions in Water District No. 110 (i.e., any diversion without a water right or in excess of the elements or conditions of a water right);
    - d) Curtail out-of-priority diversions under ground water rights in Water District No. 110 determined by the Director to be causing injury to senior priority water rights if not covered by a stipulated agreement or a mitigation plan approved by the Director;
    - e) Enforce the provisions of any stipulated agreements or mitigation plans approved by the Director and applicable in Water District No. 110.
  - 2) Direction and guidance provided by the Director of IDWR pursuant to Idaho Water Law.
  - 3) The annual water district resolutions as adopted herein.
2. Blake Jordan is elected the watermaster for Water District 110. The Director of IDWR shall appoint Blake Jordan, an employee of IDWR, to provide watermaster services for the ensuing year.
3. As provided in Idaho Code § 42-608(4), the watermaster shall serve until the next annual meeting of the water district after election at this meeting and upon appointment by the Director.
4. The water users of Water District 110 hereby empower the elected advisory committee to enter into a Memorandum of Understanding between the Water District and the Director of IDWR that will provide for the following:
  - a) Water District 110 will provide compensation of the watermaster for all administrative watermaster duties (all duties other than measurement and reporting) for the term of service as specified in item 3 of these resolutions.

- b) The ~~2020~~ 2021 budget for Water District No. 110 includes expenses related to measurement and reporting, and will be set at this annual meeting in accordance with item 7 of these resolutions.
  - c) Water District No. 110 will provide compensation to IDWR for clerical and financial account support services.
  - d) The watermaster shall maintain an office for the ensuing year within the IDWR Eastern Regional Office, located in Idaho Falls, Idaho.
  - e) IDWR will provide office space, vehicles and the use of all necessary office and field equipment in exchange for compensation as set in the budget for the ensuing year. This arrangement shall not give Water District No. 110 any ownership interest in any IDWR office space and equipment. However, any equipment purchased by Water District 110 will remain owned by water district 110.
5. Water District No. 110 includes one or more canal companies, government entities, or other water delivery entities. The following canal companies and government entities had cooperative agreements or other arrangements with the Water District No. 110 to annually measure and report diversions on their own and to the measurement district in order to promote efficiency in the administration of water rights and water management. These entities, however, will pay a pro rata portion of the Watermaster salary.
- 1) Montevue Canal Company
  - 2) Producers Canal Company
  - 3) Jefferson Irrigation Company
  - 4) United States Fish & Wildlife Service Camas National Wildlife Refuge
6. The entities designated above may have employees who measure and report diversions to the watermaster of Water District No. 110. The watermaster of Water District No. 110 may therefore appoint employees or agents of these entities as assistant watermasters for purposes of measuring and reporting water use to the watermaster of Water District No. 110. The water district watermaster and the Director of IDWR will provide direction and guidance to assistant watermasters for measuring and reporting of diversions in these entities, including but not limited to the following:
- a) Each entity responsible for data collection shall provide an annual report of diversion data to the water district watermaster in accordance with Idaho Code § 42-606, § 42-708, § 42-709, and the direction provided by the Director of IDWR.
  - b) Assistant watermasters shall cooperate and coordinate with the water district watermaster and IDWR in sharing water use information.
  - c) The regulation of diversions, including curtailment of diversions and other water right enforcement actions, shall be the primary responsibility of the water district watermaster and IDWR.

- d) The designated districts will first be given the opportunity to resolve unauthorized diversions, or other enforcement matters before action is taken by the watermaster or IDWR.
  - e) To the extent that assistant watermasters may otherwise be involved in the regulation or enforcement of diversions, such involvement will be under the instruction of the watermaster and the Director of IDWR.
- 7. The budget of Water District No. 110 for the fiscal year ~~2020~~ 2021 beginning February 1, ~~2020~~ 2021, and ending on January 31, ~~2020~~ 2021, be as follows:

See attached Budget
- 8. Assessment basis for measurement & reporting expenses: Diversions in Water District 110 that are not already measured by one of the canal companies or government entities identified in item 5 of these resolutions, and also have a diversion rate allowed by their water right in excess of 0.24 cfs and/or irrigation of more than five acres shall be measured directly by the water district in the ensuing year and assessed for measuring and reporting at the following rate;
  - a) \$25 per diversion, and;
  - b) A pro-rata share of the total expense for measuring and reporting, minus the total amount charged for all the diversions in the district required to measure, determined by the fraction of the recorded diversion rate for each water right is to the total recorded diversion rate of all water rights being measured in the district.
- 9. Kirk Jacobs be elected Water District No. 110 Treasurer. The duties of the treasurer will be to approve the expenses and disburse water district funds, and to prepare or oversee preparation of a written statement of the financial affairs of the district at the end of each fiscal year, in accordance with Idaho Code, Section 42-619. Blake Jordan will also be a designated, authorized signer for banking purposes.
- 10. An advisory committee shall be elected at each regular annual session to represent the interests of the water users and to provide input to the watermaster and the Director of IDWR. The advisory committee will consist of at least 5 members, including at least one water user from Hamer, one water user from Montevideo, and one from Mud Lake/Terreton Area.
- 11. WHEREAS Idaho Code 42-605 provides for voting by water users and election of an advisory committee, the water users of Water District No. 110 hereby resolve that the credentials for voting in any district meeting and for serving on the district advisory committee will be as follows:
  - a) Must be a water user of the district as evidenced by a valid water right or
  - b) Must have paid all assessments owed to the water district.

12. The annual Water District No. 110 meeting shall hereafter be held on the second Wednesday of February, of each year unless the Director of IDWR or the Water District No. 110 advisory committee should find it necessary to change the meeting date or unless changed by resolution of the district at any annual meeting.
13. Copies of the minutes of the annual meeting, the budget as approved, all resolutions approved, and the report prepared in accordance with Idaho Code § 42-615, shall be filed with the director of the Department of Water Resources in accordance with Idaho Code § 42-617.
14. The watermaster of Water District No. 110 shall be responsible for submitting to IDWR annual reports showing water use and such other information that may be deemed necessary by the Director of IDWR in accordance with Idaho Code § 42-606, § 42-708, and § 42-709.
15. The watermaster and assistant watermasters are authorized under Idaho Code § 42-1701(5) to make reasonable entry on lands within the district to carry out the duties of the watermaster as instructed by IDWR. These duties include but are not limited to:
  - a) Monitoring diversion and measuring rate and volume of water diverted from ground water and other public water sources.
  - b) Measuring the depth to water in wells.
  - c) Monitoring the place, period, and nature of use of water to identify unauthorized diversion and use and to determine compliance with mitigation provisions required by agreement or order of IDWR.
16. All payments for assessments not received within 30 days of the date on the assessment shall accrue penalties in the amount of 10% of the charge and interest in the amount of 1% per month, as provided pursuant to Idaho Code § 42-617.
17. Be it also resolved, that the Watermaster is authorized pursuant to Idaho Code § 42-618, to withhold or suspend deliveries of water to any water users who have not paid their assessment charge by January 1 of the year following the billing date.
18. Be it resolved, water users within Water District 110 will have power sources turned on between March 15<sup>th</sup> and November 15<sup>th</sup> to allow access for the watermaster to perform the duties set forth in Resolution No. 15.

Be it further resolved, flowmeters will need to be set to read in acre-feet.

**Water District 110  
2021 Advisory Committee**

Keith Shuldberg  
1785 N 1800 E  
Hamer, ID 83425

Kirk Jacobs  
PO Box 119  
Hamer, ID 83425

Mike Cope  
2565 N 800 E  
Montevue, ID 83435

Daren Bitter  
1344 N 1900 E  
Terreton, ID 83450

Lynn Burtenshaw  
1758 N 1000 E  
Terreton, ID 83450

Don Parker  
2032 W 4200 S  
Rexburg, ID 83440



# Water District 110

## Annual Meeting

February 10, 2021

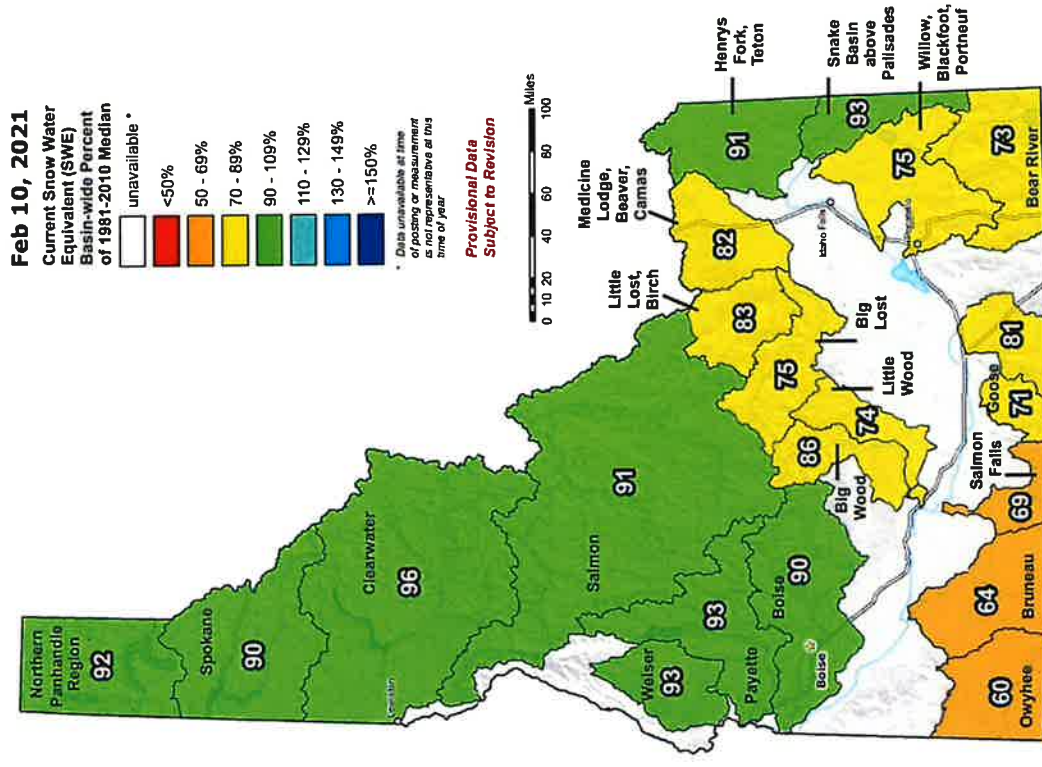


**IDAHO** Department of  
Water Resources

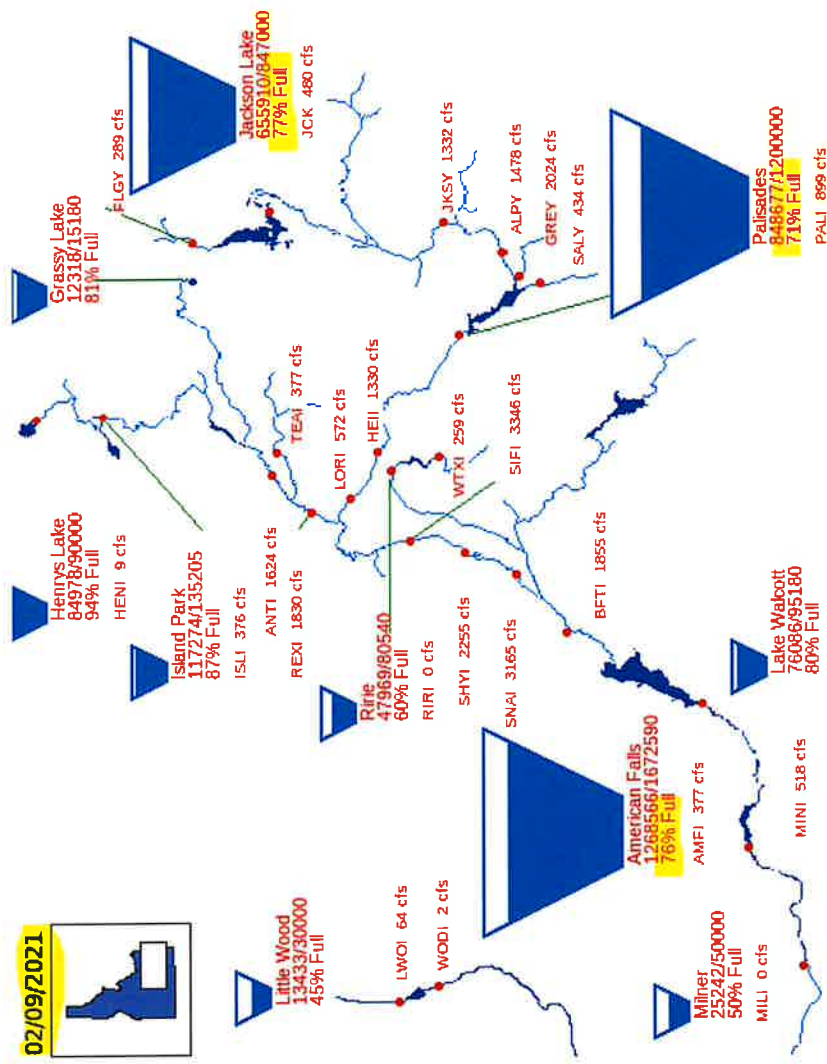
# 2020 Water Outlook

- Call for water?
- Snow pack
- Reservoir levels

Idaho SNOTEL Current Snow Water Equivalent (SWE) % of Normal



# Bureau of Reclamation, Pacific Northwest Region Major Storage Reservoirs in the Upper Snake River Basin

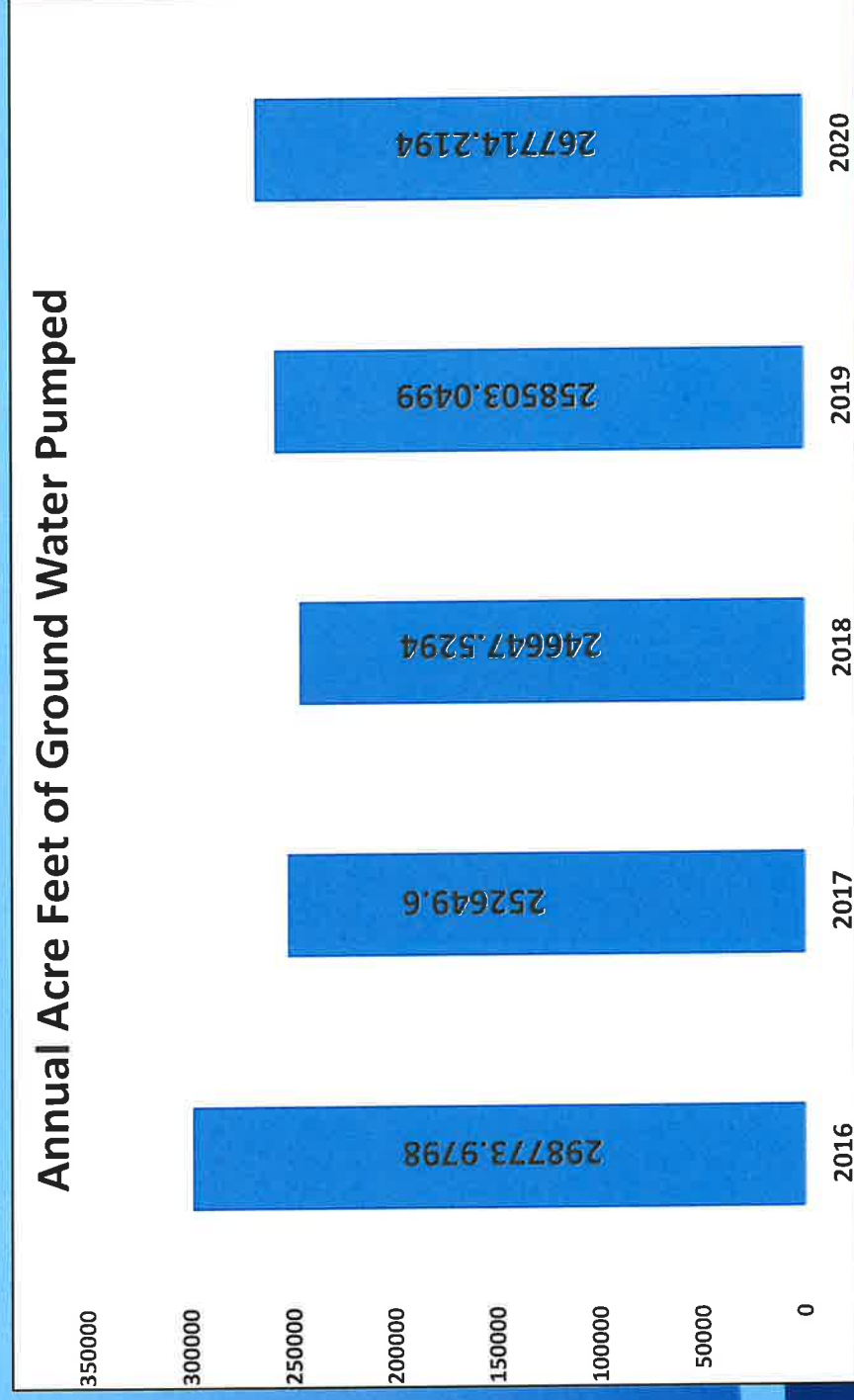


PROVISIONAL DATA - Subject to change



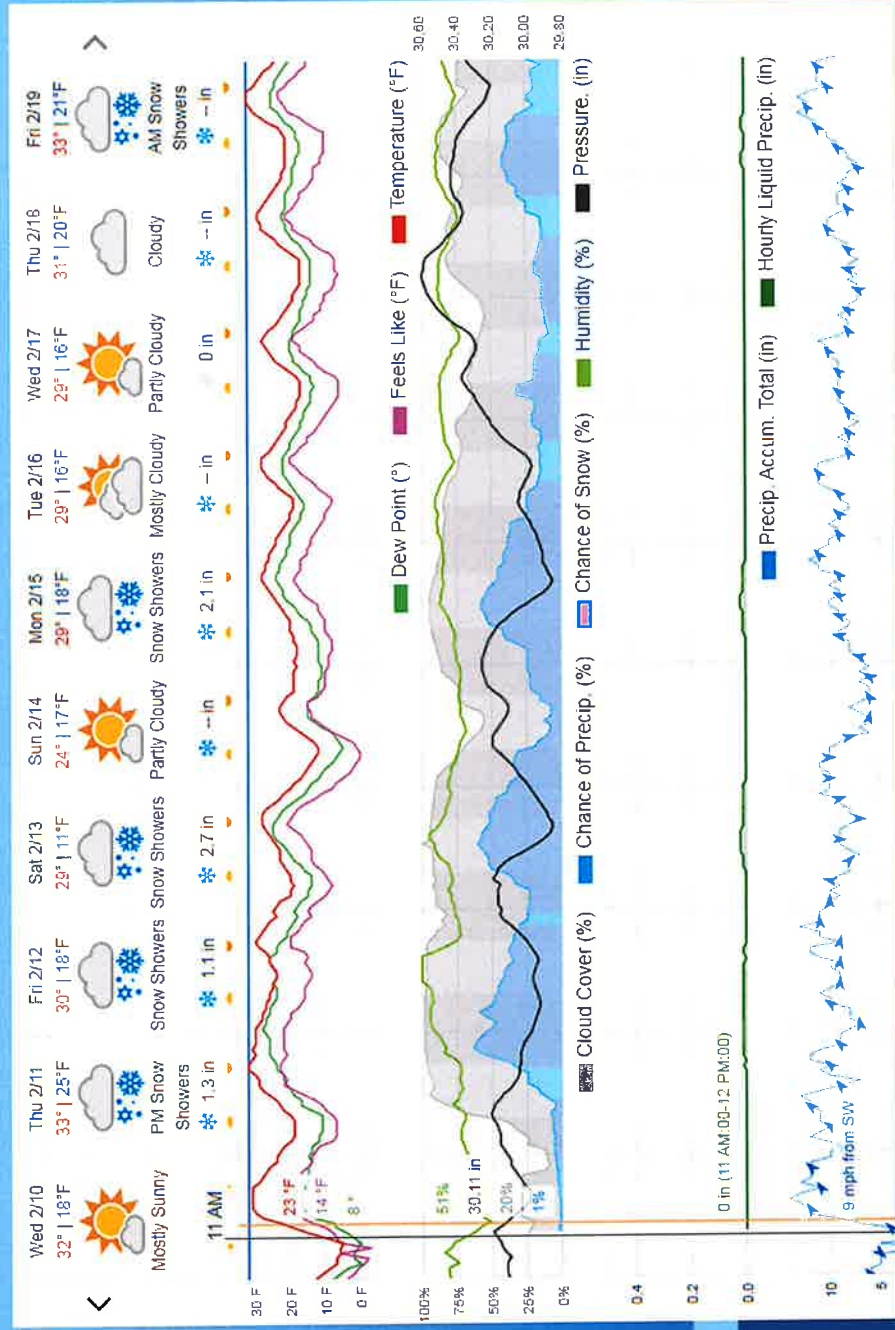


**Annual Acre Feet of Ground Water Pumped**



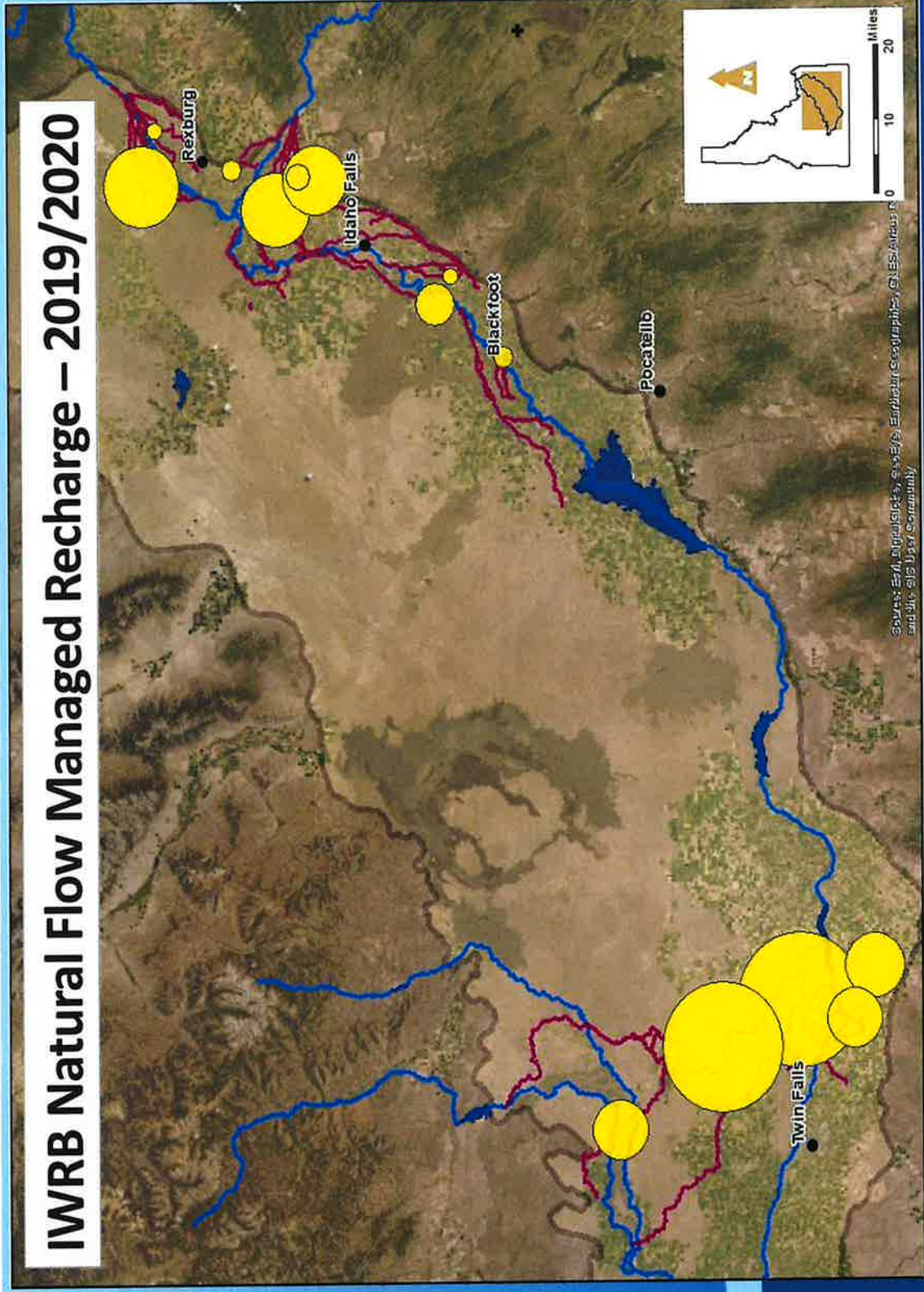
# Ten Day Weather Forecast for Idaho Falls Are per Weather Underground.

## Wednesday 2/10 – Friday 2/12





# IWRB Natural Flow Managed Recharge – 2019/2020



# Eastern Snake River Plain Aquifer Recharge

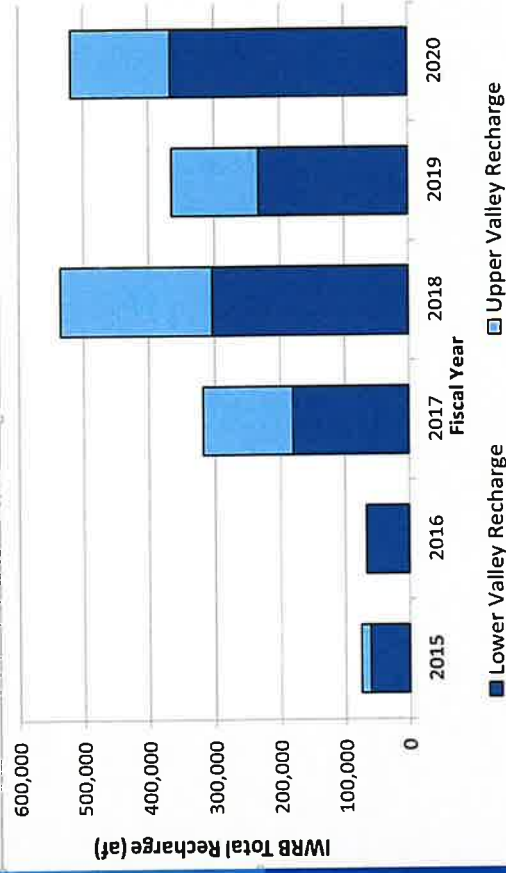
Last year, the 2020 Recharge program recharged more than 500,000 acre-feet of water into the aquifer. The Recharge Board has committed to recharging an average of 250,000 acre-feet of water into the ESPA each year. This was the fourth consecutive year to exceed the annual goal. There are more that 25 recharge basins/sites in the ESPA.



**IDAHO**  
Water Resource Board



IWRB ESPA Managed Recharge Yearly Volumes





# 2020 Field Season Review

- Flow meters
- 832 Total diversions
- 530 Inspections in 2020





# Enforcement 2020

- 2 complaints received
  - 1 IDWR GIS discoveries
  - 1 resolved
  - 1 Outside Complaint
- 3 Active cases under investigation to date

# 2020 Field Season Review

## Installations with deficiencies or maintenance issues

Flow meters that were found with installation or maintenance deficiency during the 2020 irrigation season need to be fixed or replaced prior to the 2021 season.

The Boise Office is sending out letters informing owners of those installations. Additional mailings may be following.

- ***Owners should respond back*** to IDWR concerning the letters as soon as possible. Pursuant to Idaho Code 42-701(3), owners/operators must correct the measuring device deficiency before diverting water for 2021.

Failure to correct the deficiency may subject the owner/operator to curtailment by the Watermaster or enforcement action by the Department.



# Approved Flow Meter List

- Some Additions and Some Subtractions
  - *Seametrics AG 2000* - Very few of these meters are left in our Water Districts-as long as these meters are still functional they can remain in service. If they are not working, they new to be updated with another type of meter from the Approved List before the beginning of the 2021 irrigation season.
  - *Sparling Tigermag FM656* – This meter has been removed from the list of Approved Meters. Many of the Sparling meters have had issues with the Mother Boards. Sparling has not worked with the meter owners, distributors or the state in getting them repaired. The State removed them from the List last fall. As long as these meters are working properly, they can remain in service. If they are not working, they will need to be replaced with an approved meter.

Version 3.4 updated 08-10-2020

Approved Full Profile Magnetic Flow Meters (continued)				
Manufacturer	Model/Specifications	Power Supply	IDWR-accepted Pipe Applications (Nominal Pipe Size)	NOTES
Seametrics	AG 2000 (retired)	DC	4" to 10"	See note 2, page 4
Seametrics	AG 3000	DC	4" to 12"	See notes 1 and 3, page 4
Seametrics	iMag 4700	DC	4" to 12"	See notes 1 and 3, page 4
Siemens	Sitrans Mag5100W w/ Mag5000 Transmitter	AC	1" to 78"	See note 1, page 4
Siemens	Sitrans Mag8000	INTERNAL	1" to 24"	See note 1, page 4
Sensus	iPerl	INTERNAL	5/8" to 1"	See note 1, page 4
Sparling	Tigermag FM656 (Flanged)	AC	3/8" to 48"	See notes 5 and 9, page 4
Valmont	Valley 3000	DC	4" to 12"	See notes 1 and 3, page 4
Zotexa	600	AC	2" to 32"	See note 1, page 4
Approved Spooled Ultrasonic Flow Meters				
Badger	E-Series	INTERNAL	3/4" to 2"	See note 1, page 4
Hydrocoata	Nautilus	INTERNAL	2" to 16"	See note 1, page 4
Master Meter	Octave	INTERNAL	2" to 10"	See note 1, page 4
Netafim	Octave	INTERNAL	2" to 12"	See note 1, page 4

# Siemens replacing non approved meters with approved meters

Non approved Siemens  
Sitrans Mag 8000 I  
“Narrow width meter flange  
With band in middle”



Approved Siemens  
Sitrans Mag 8000  
“Wide width meter flanges”



Attach ground  
wires to pipe  
Flanges.



# Protecting your meters from the elements!

- Title 42-607 Measuring devices must be kept in good working order
- Suggestions for Protecting Meters
  - 3-5 gallon plastic bucket
  - 8 – 12 quart Rubber Pale
  - Potato Belting
  - Be Creative??



If you have these meters, they **need to be protected** from the elements!



Unprotected  
McCrometer Ultra Mag



Unprotected Siemens  
Sitrans F M Mag 5100 W  
or 5000



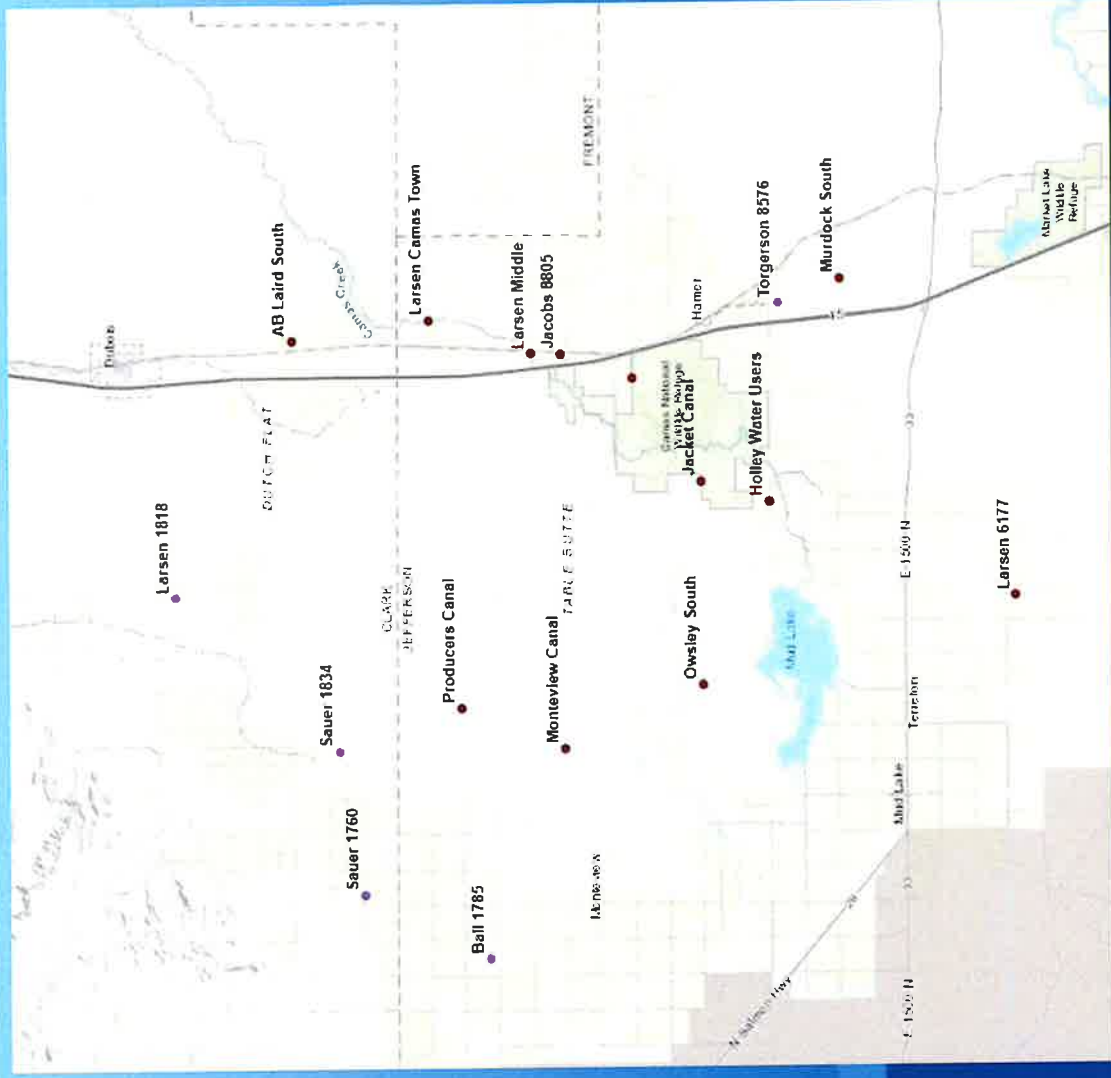
Protected meter head

“No direct sunlight exposure”  
Unprotected Siemens 8000

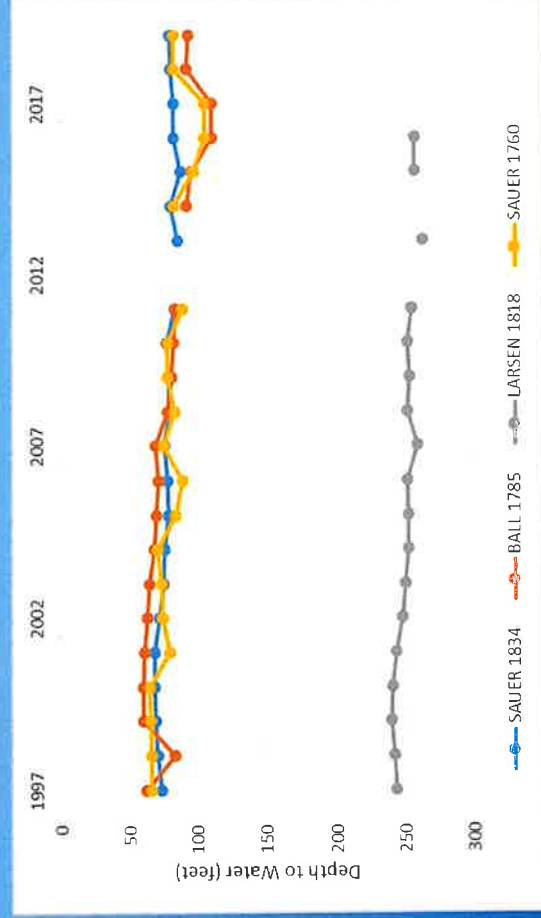




# Water District 110 Measurement Wells

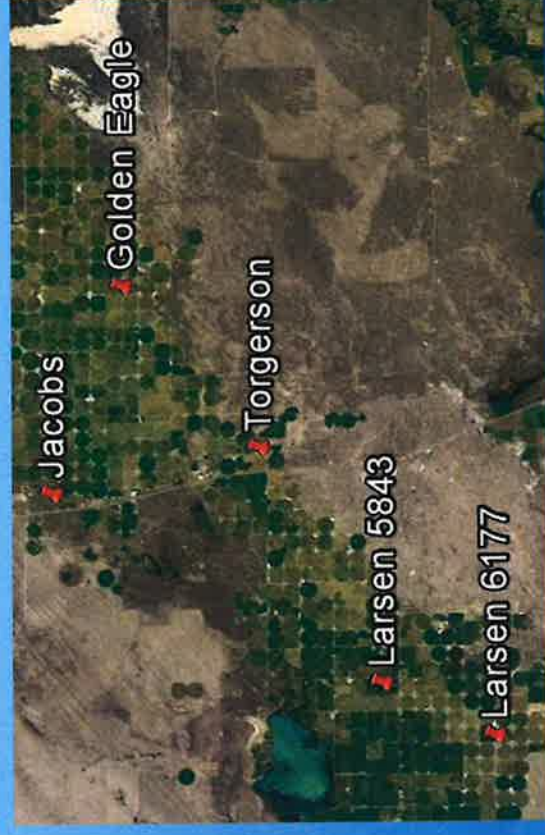
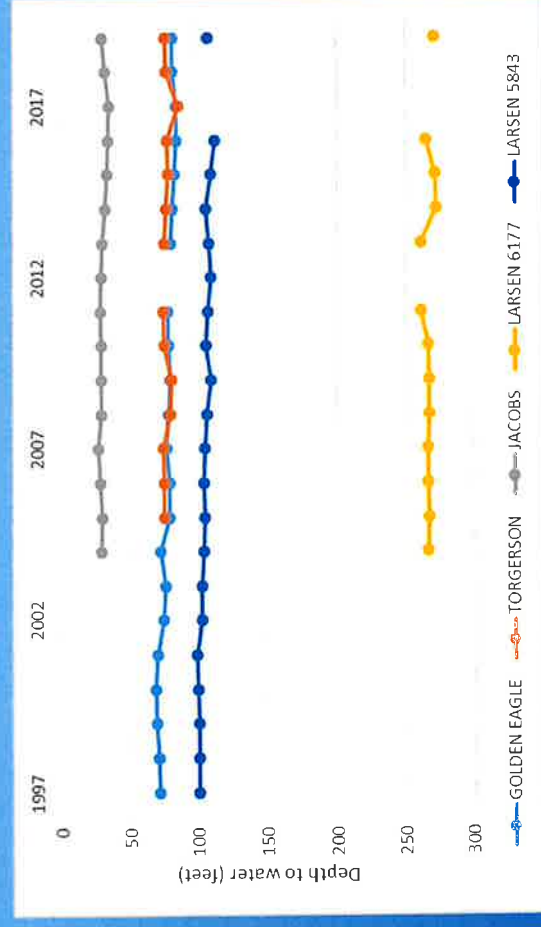


# Water Levels – WD 110 Northwest

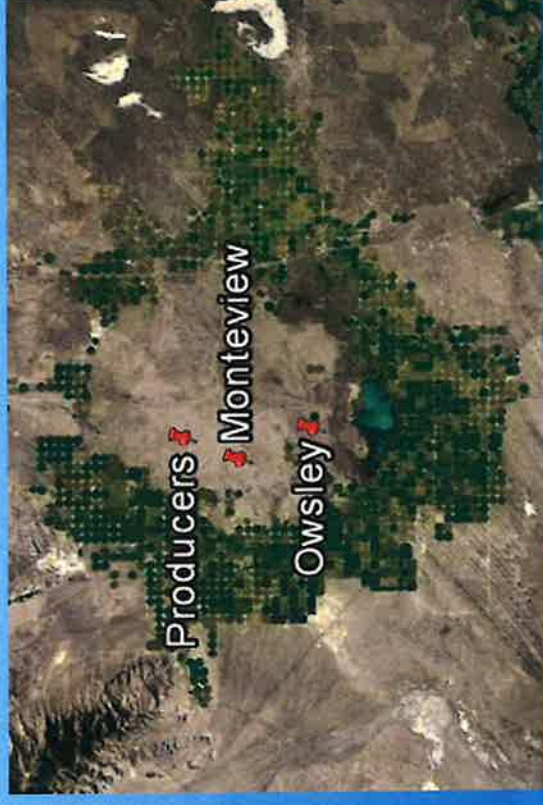
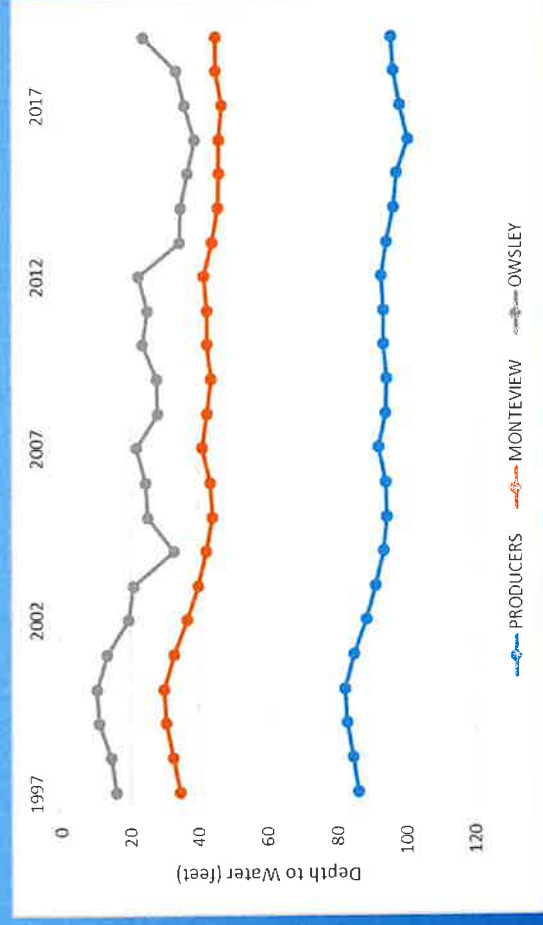




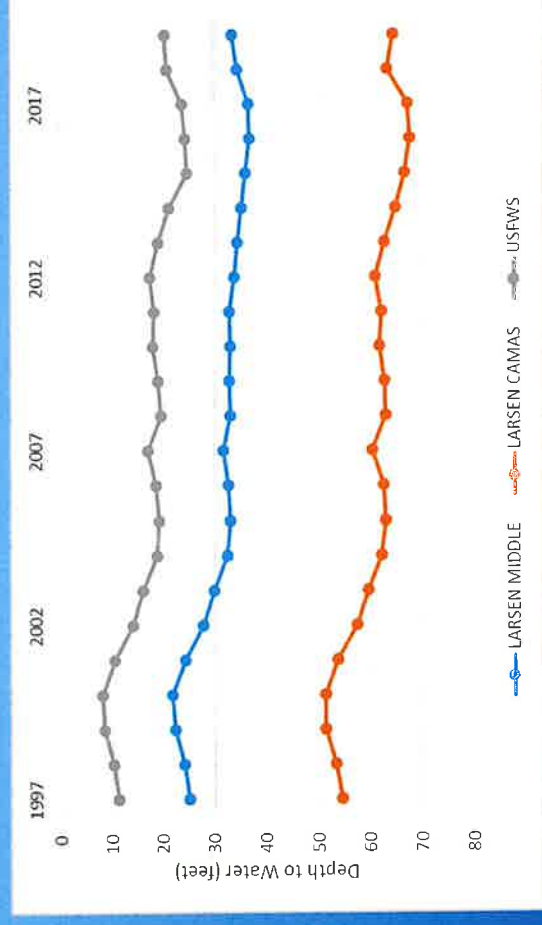
# Water Levels – WD 110 Southeast



# Water Levels – USGS Central Wells

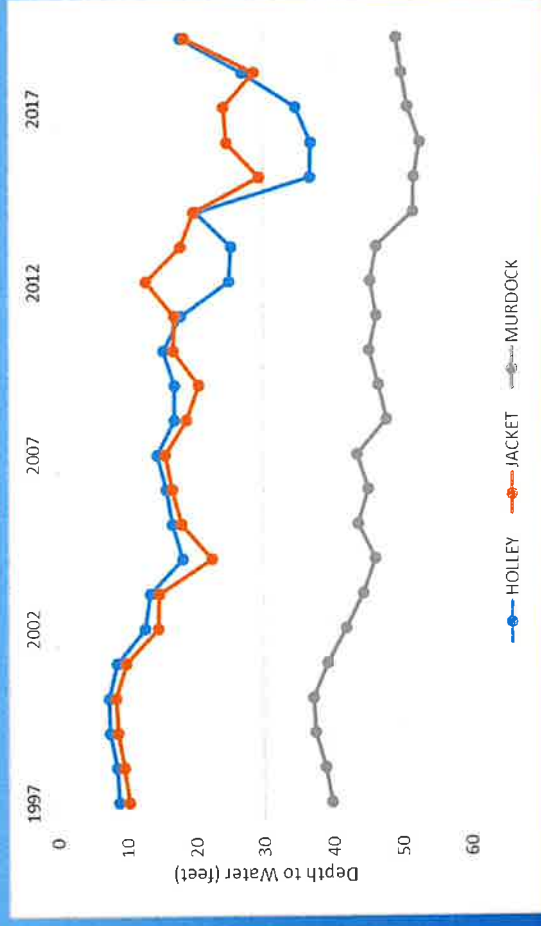


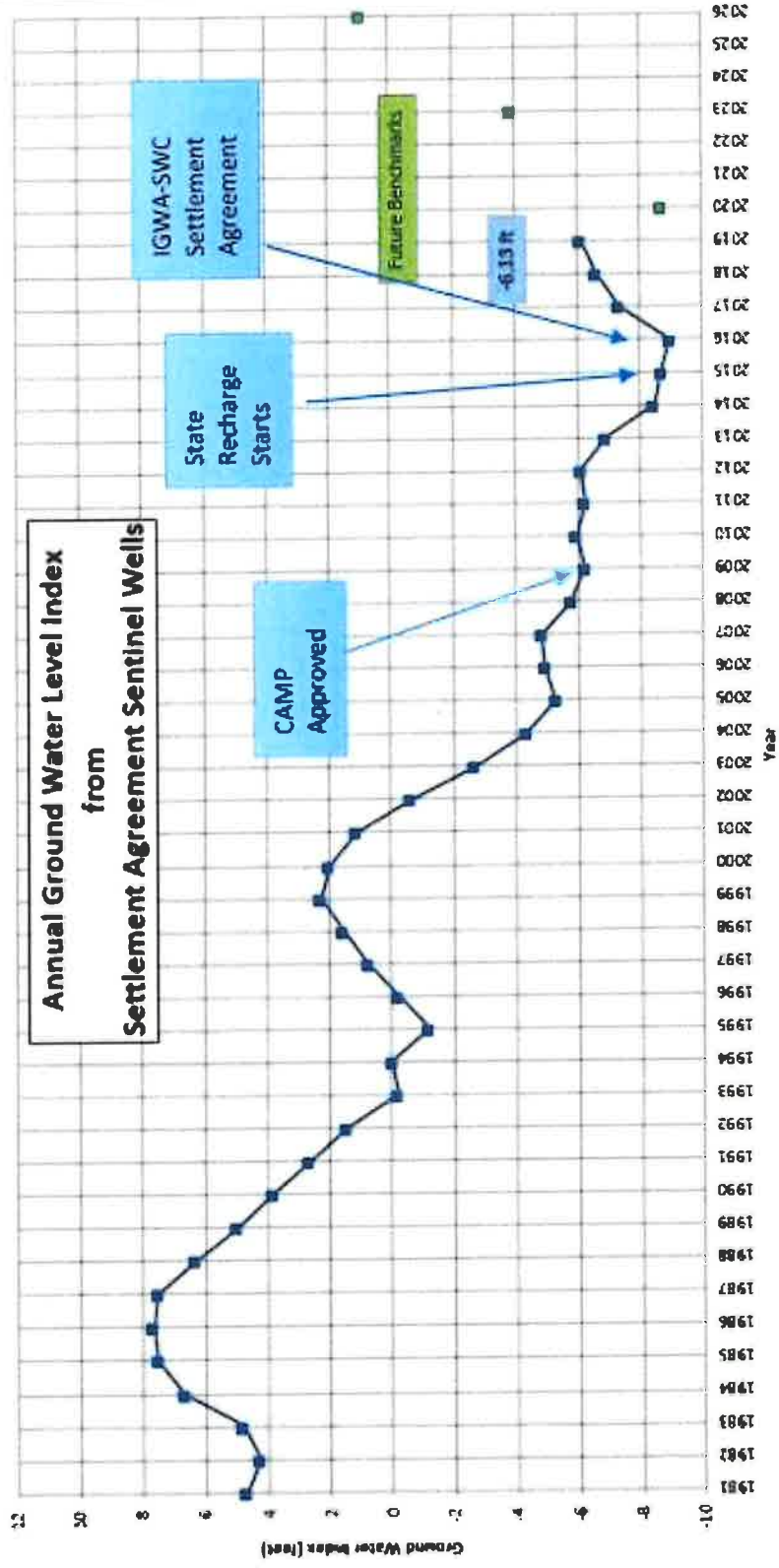
# Water Levels – USGS Hamer Wells





# Water Levels – USGS Southeast Wells





***Thank You***  
***For your dedication***  
***And hard work!***

**Questions?**

***Thank You!***

Bureau of Reclamation, Pacific northwest region  
major storage reservoirs in the upper snake river  
basin - January 8 2021. Available from  
<https://www.usbr.gov/pnw/programs/bureau.html>  
USDA/NRCS, Upper Snake/Great Snake Water  
Aquifer - January 21, 2021. Available from  
<https://www.nrcs.usda.gov/info/data/water/aquifer/multi-appealing/multi-appealing>  
Ground Water Districts and Staff



Meeting Minutes Water District 110  
Annual Committee Meeting 2021  
February 10, 2021  
Conducted via Zoom

Those in attendance for today's meeting included: Lynn Burtenshaw, Mike Cope, Don Parker, Bill Stoddart, Keith Schuldberg, Daren Bitter, Corbin Knowles, Ron and Annette Hillman, Asaua, Derra, Sid, Brian Wehavsén, Hayshed, and Kirk Jacobs; IDWR staff present were Blake Jordan, Jared Adamson, Bob Peck, and Mackenzie Fahlgren.

1:30pm

The meeting was called to order by Kirk Jacobs.

Kirk Jacobs gave people time to review the 2020 annual meeting minutes. Lynn Burtenshaw moved to accept the minutes and Mike Cope seconded the motion and the motion carried.

Blake Jordan called for a movement to name Mackenzie Fahlgren as secretary for the meeting, Darren Bitter moved, Don Parker Seconded and the motion carried.

Blake Jordan continued with a review of the financial reports, which included a review of the 2020 budget and actuals and the current standing of the bank account.

Blake Jordan presented the 2021 proposed budget with a short review of 2020. The proposed budget for 2021 is \$81,083 which is nearly the same as last year's budget of \$81,007. A question was raised over whether the listed 2,633.9 Administrative CFS is the total quantity of CFS measured for the district, Blake responded by explaining the 2,633.9 CFS is the total allowed CFS on paper, for those rights but that the 2,122 Measurement CFS is in fact the quantity that IDWR staff actually measure each year, the difference is due to some groups do their own measuring and reporting. Another question over the twenty-three thousand in profit from last year, Blake Jordan explained that that profit is due to some employees being absent for several months due to turnover as well as good work efficiency.

1:43pm

Don Parker called to accept the budget as proposed, Kirk Jacobs so moved, Keith Schuldberg seconded, with none opposed the motion carried.

A question was asked if IDWR only measures wells every three years, Blake explained that while those wells still allowed to use PCC readings they are checked every three years, but that those with meters are measured every year.

Corbin asked if the wells are checked twice a year, Blake explained that some wells will be checked randomly at the start of the season but that if meters are properly functioning they will only be read in fall.

Blake Jordan presented the resolutions with the only change being the dates, time was given for people to review. Lynn Burtenshaw moved to accept the resolutions as submitted. Daren Bitter seconded the motion with all in agreement.

Blake confirmed that the advisory board would remain the same, and Kirk Jacobs agreed that it would. Bob Peck presented the water masters report, there was discussion about water outlook with the stated expectation that the reservoirs should be filled by the snow pack. Bob showed the annual water pumped over the last few years demonstrating that the 2020 year used slightly more water than 2019. A map of the recharge sites and their quantity of recharge was shown. Total recharge last year was over 500,000 AF. Bob brought up concerns that some flow meters are failing because they are not being covered and as a result being exposed to UV rain heat and snow, all of which is leading to a far higher failure rate.

In 2020 there were two enforcement complaints received, 1 GIS discovery, and 1 old complaint resolved, currently there are 3 active enforcement complaints under investigation.

There was some discussion of the defective meter letters that were recently sent out by Boise.

The Seametrics AG 2000 and the Sparling Tigermag FM656 have both been taken off the approved list of meters, if they can be repaired and maintained they are fine however no new ones will be permitted to be used.

Anyone who has a meter that needs to be replaced it was recommended that they speak with the NRCS to see if there is further money available.

Some time was taken to discuss the measurement requirement mandated by the state.

Bob presented that the groundwater levels have been holding fairly steady since the ground water surface water agreement.

Blake explained that if IDWR ever has an issue where a tape is dropped into a well, there is a process by which a water user can file a tort claim to get the well either repaired or re-drilled.

Blake Jordan thanked the water users and board for making IDWRs job easier.

Kirk expressed appreciation toward IDWR for all the work they have provided over the year.

2:26pm

Lynn Burtenshaw moved to adjourn the meeting. Darren Bitters seconded and all were in favor.

  
Mackenzie Fahlgren, Meeting Secretary

2/15/2021  
Date