

Lower Walker Accounting System and 2019 Program Water Flow Summary

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Topics

Overview of Lower Walker River (LWR) accounting system.

2019 Program Water (PW) delivered to Walker Lake.

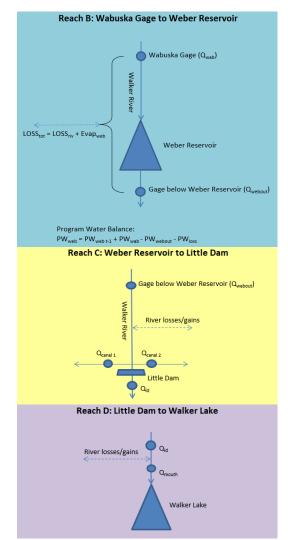
LWR accounting system to be publicly available online.



Lower Walker River Accounting System

- Accounting of PW from Wabuska gage to Walker Lake.
- System represents conveyance agreement between NFWF and Walker River Paiute Tribe (WRPT).
- Jointly developed by NFWF, BIA, WRPT.
- Reviewed by USGS, DRI, and Federal Water Master.





Major principles of LWR accounting system

Based on USGS daily flow and reservoir data.

- System gains and losses are proportionally shared.
 - Except precipitation.
- PW is passed through Weber Reservoir.
 - Pass through PW is not assessed evaporation.

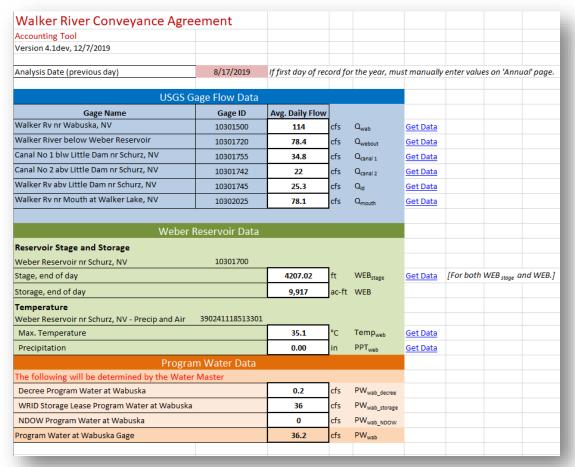
PW water is only subtracted from Weber account when it passes WRPT diversions.

This protects PW against accidental diversion.



LWR Accounting System Tool

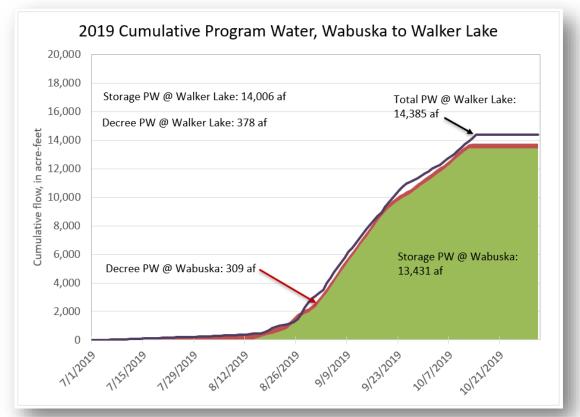
- Excel workbook.
- Data Entry page shown here.
- Other pages not shown:
 - Weber Reservoir operation page.
 - Table of daily computations and accounting values page.
 - PW summary page.
 - Cumulative summary chart (next slide).





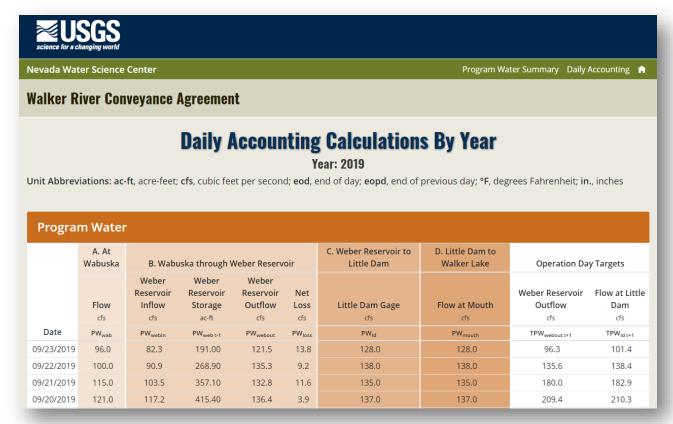
Lower Walker River was gaining system in late 2019 and slightly more PW arrived at Walker Lake than was delivered to Wabuska

gage.





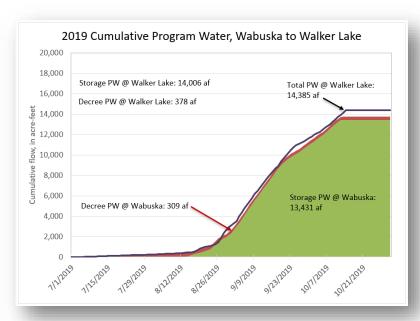
LWR accounting system to be online next irrigation season.





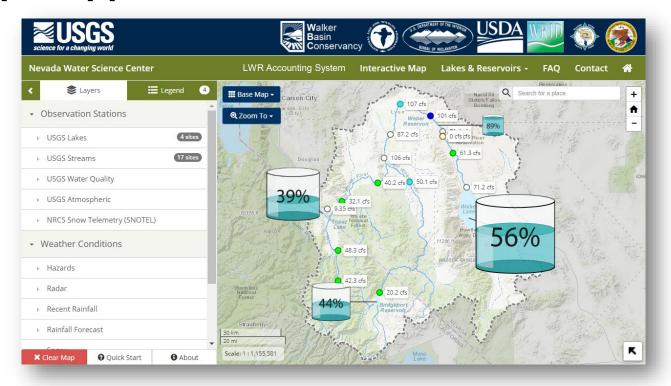
Will be automated and updated daily, and publicly available.







Will be hosted within the Walker River Basin Hydro Mapper application.





Other Walker River Basin Resources

https://nevada.usgs.gov/walker/

Thank You!

