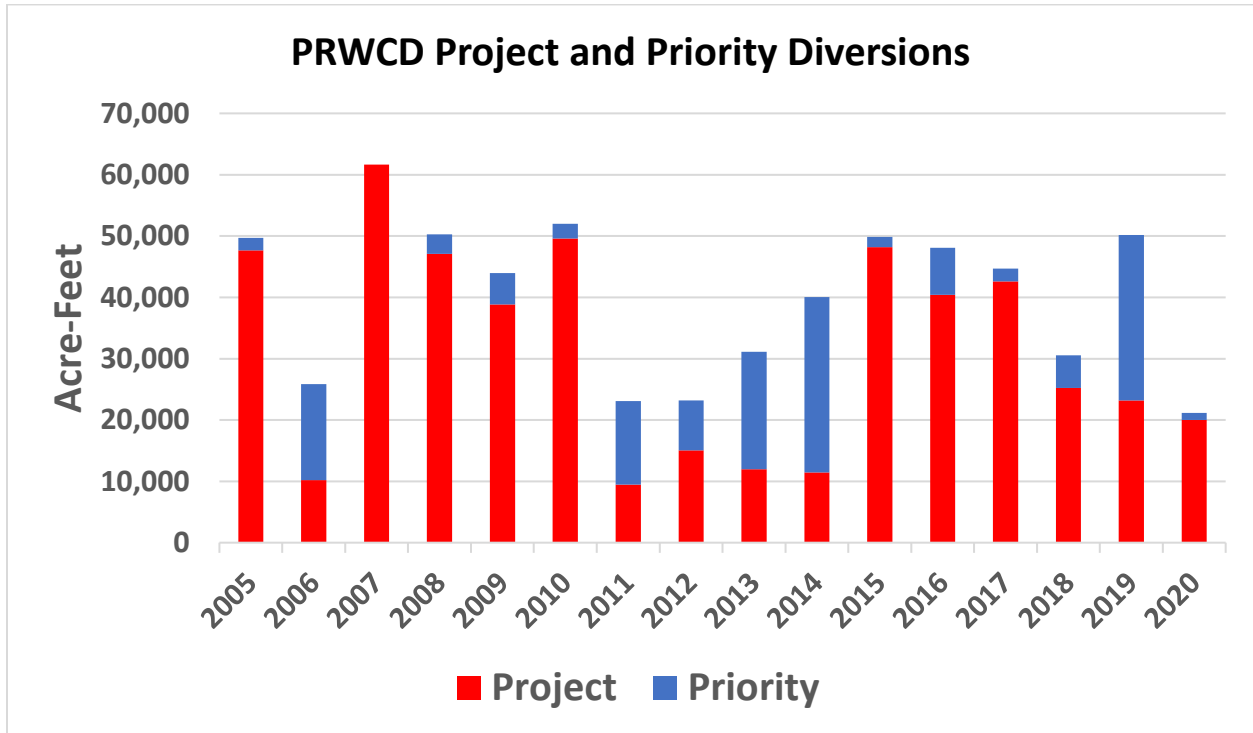


PURGATOIRE RIVER WATER CONSERVANCY DISTRICT

ARKANSAS RIVER COMPACT ADMINISTRATION MEETING PRESENTATION

DECEMBER 9, 2020 - PRWCD OPERATIONS SUMMARY - 2020

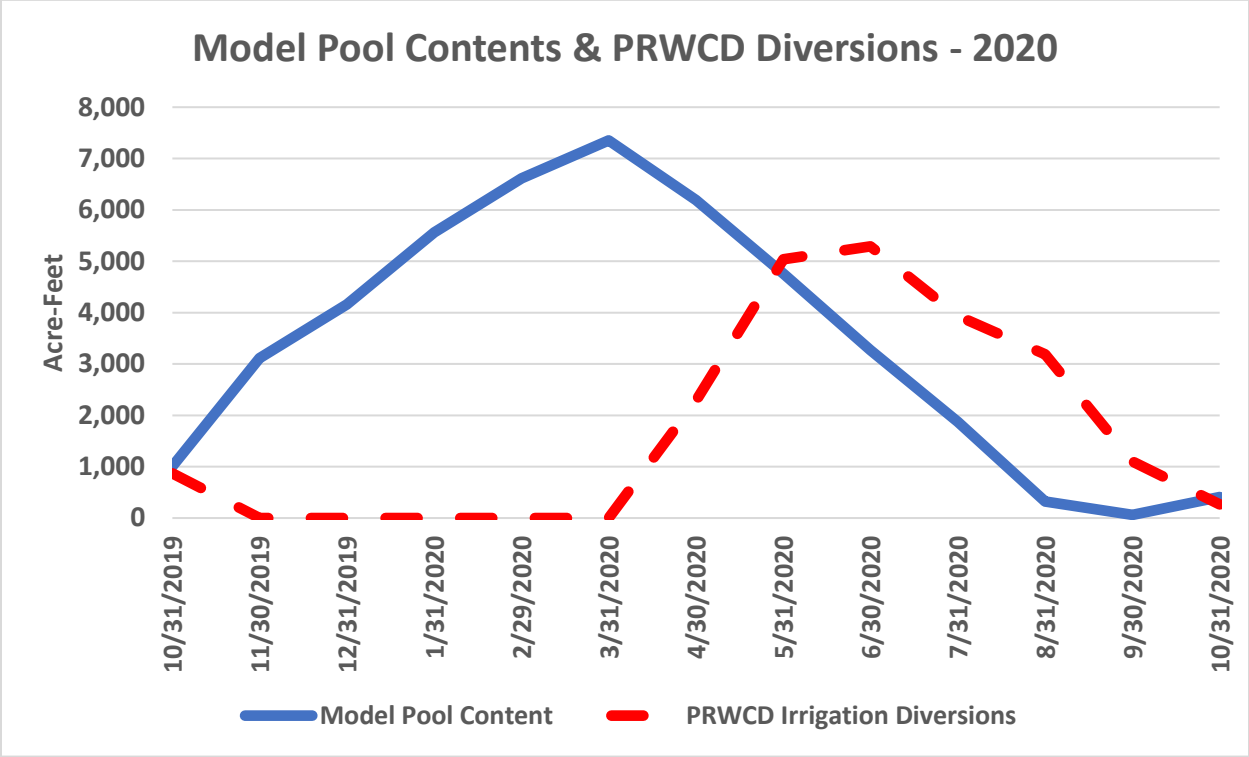


PRWCD 2005-2020 Project and Priority Diversions:

Total PRWCD Diversions: 21,118 ace-feet, 2019 was 50,173 acre-feet, 2005-2020 average is 40,335 acre-feet.

Project Administration Diversion Component = 19,975 acre-feet,

Priority Administration Diversion Component = 1,143 acre-feet. District was classified as being in "Extreme Drought" for most of the irrigation season.

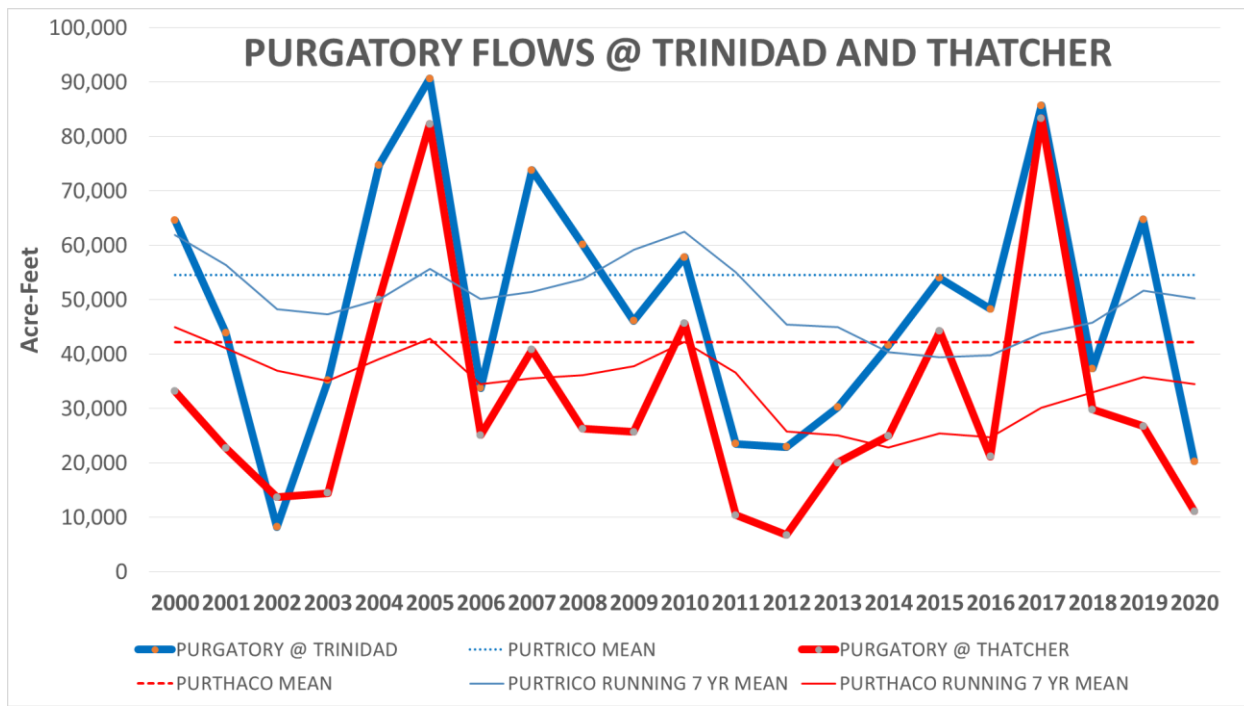


Model Pool Contents & PRWCD Cumulative Diversions for 2020:

Model Pool reached its maximum content of 7,351 acre-feet on April 1, 2020 at which time the irrigation season began.

Difference of total diversions of 21,118 acre-feet and the approximately 7,351 of Model Pool reservoir releases was derived from river inflows, other leased waters and irrigation return flows.

The District reverted to Priority Administration at the end of August as stored water supplies were essentially exhausted.



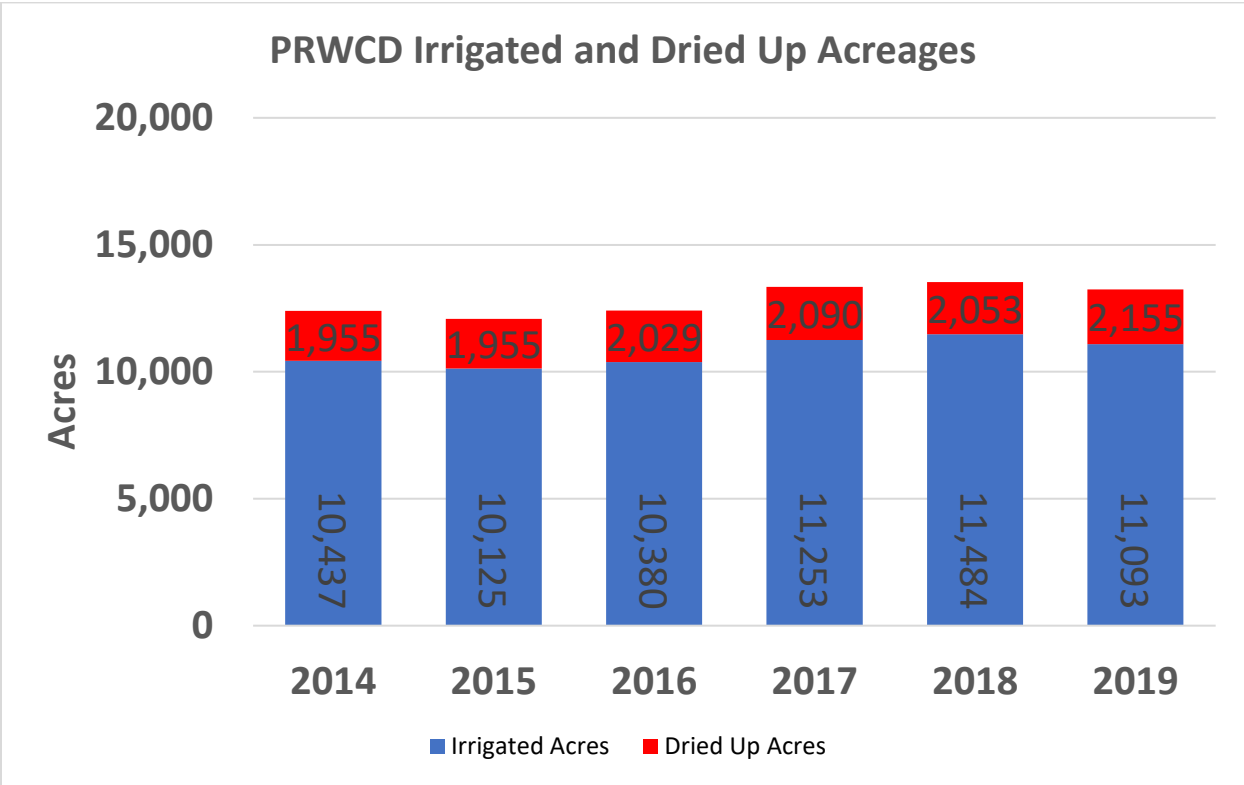
Purgatoire River Gaged Flows – Purgatoire River at the City of Trinidad (PURTRICO) and Purgatoire River at Thatcher (PURTHACO).

Below average water year. Less than 50% of average flows at both gaging sites.

Running 7 year average flows are both below long term average gage flows (1978-2020). Dry period.

PURTRICO flows for 2020 = 20,275 acre-feet, compared with 20,358 acre-feet through the Purgatoire River below Trinidad Reservoir (PURBTRCO), a 0.4% difference.

PURTHACO flows for 2020 = 11,128 acre-feet, very little water was required to be passed through the District to downstream calls and very sparse monsoon moisture for the second year in a row.



Irrigated Acreage Survey Results for 2013-2019.

Irrigated and dried up acreage for 2019 was 13,248 acres. A total of 19,499 acres are allowed to be irrigated by the Trinidad Project pursuant to the Operating Principles.

Survey work by the District and the Water Commissioners was conducted in August and September this year. Results from the Division Engineers Office are anticipated by this coming February 2021.

## Addition Summary Information:

### PRWCD Irrigation Improvement Rules Plan:

- Fourth year of the District's Irrigation Improvement Rules Plan.
- 18 center pivot sprinklers were in the plan for 2020. This number is up from 16 in 2019, 14 in 2018 and 2 in 2017.
- A total of 961 acre-feet of water was diverted through these sprinklers in 2020. This value being down from 1,652 acre-feet in 2019.
- Return flow deficit obligations of 76 acre-feet were made up from modeled return flows resultant from irrigation use of leased fully consumable waters.
- Concern for 2021 as market for leasing these same fully consumable waters may not exist due to continuing drought conditions.

### Livestock Water Diversions

Livestock water diversions during the 2019-2020 Non-Irrigation Season: 382 acre-feet were diverted by District ditches. A maximum of 1,200 acre-feet is allowed during the Non-Irrigation season pursuant to the Operating Principles. The District attempts to minimize these Non-Irrigation season diversions as they are detrimental to the Irrigation Season water supplies.

### Senate Bill S1758:

- Introduced in June 2019, Senator Cory Gardner was sponsor.
- Bill was in Energy & Natural Resource Committee.
- The purpose of this bill was to (1) extend PRWCD's construction loan term from 75 years to 100 years, confirm Reclamation's Excess Capacity contracting authority and to allow any Excess Capacity contracting revenues to go to the District's construction loan obligation and thence towards any operations & maintenance expenses for Trinidad Dam & Reservoir.
- Senator Manchin (committee ranking member) wanted a recommendation from Reclamation as opposed to only proposed legislation from a senator. There was concern that drought effects on federal projects could lead to a large amount of subsequent proposed legislation from other districts. He wanted a reviewed process.
- Transferring future efforts to Senator Bennett's office?

### PRWCD Engineering Committee Presentation as New Business (Update):

- Trinidad Reservoir Potential Sedimentation Accounting Update from 2019.

Appreciation is expressed to Division Two and Corps of Engineers staff for their support during 2020.