Managing Water in the West

## **As of October 15, 2017**

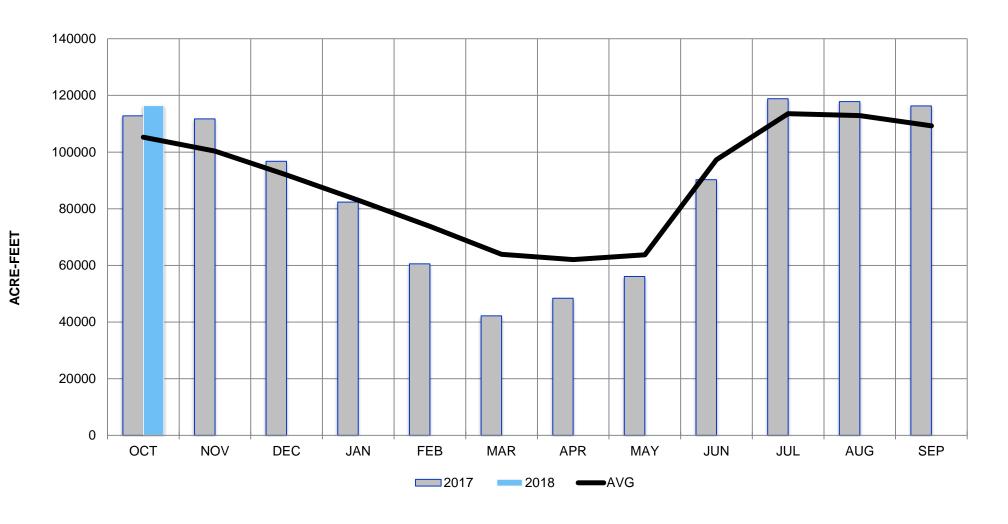
- 205,178 a/f stored in Pueblo
- 121,339 a/f of Project water
- 54,318 a/f of excess capacity water
- 29,643 a/f of winter water
- 129,034 a/f of Project space in Pueblo
- 13,676 a/f of Project space in Twin & Turquoise



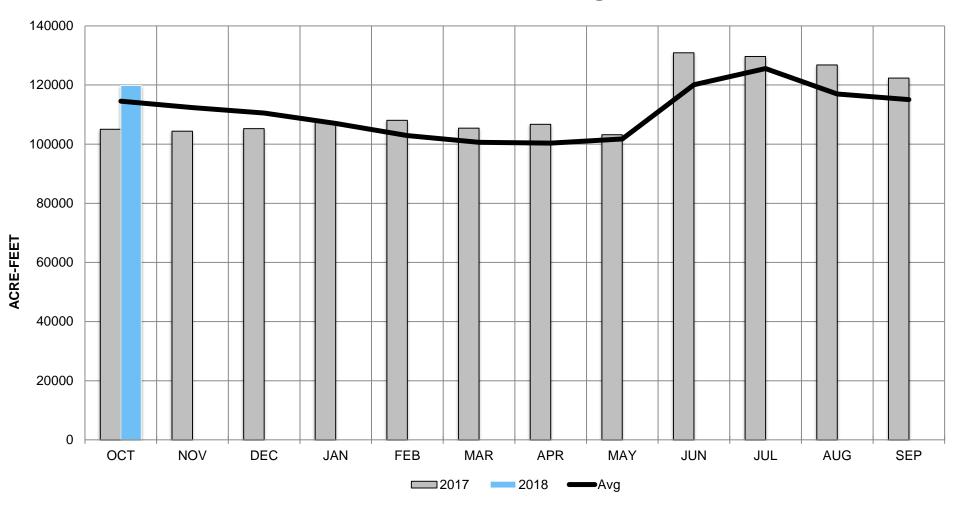
U.S. Department of the Interior Bureau of Reclamation



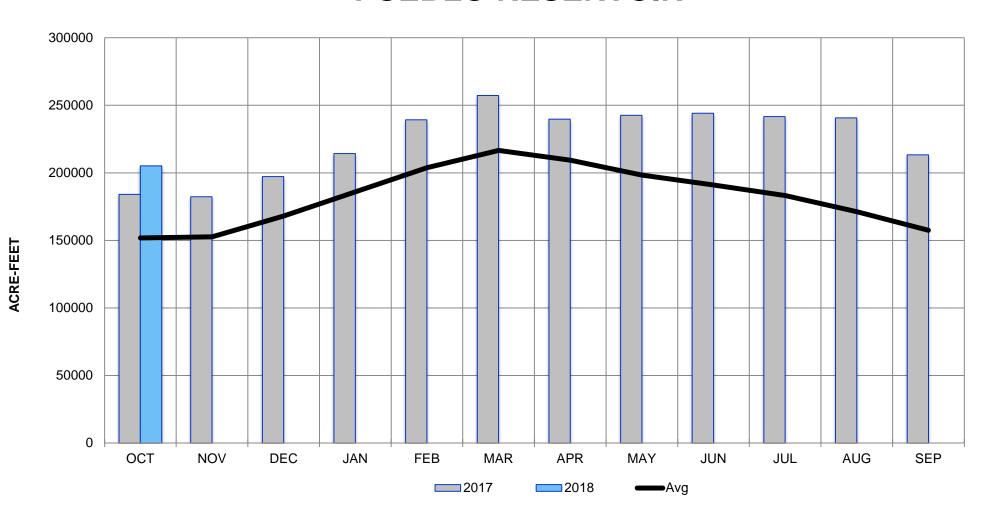
#### **TURQUOISE LAKE**



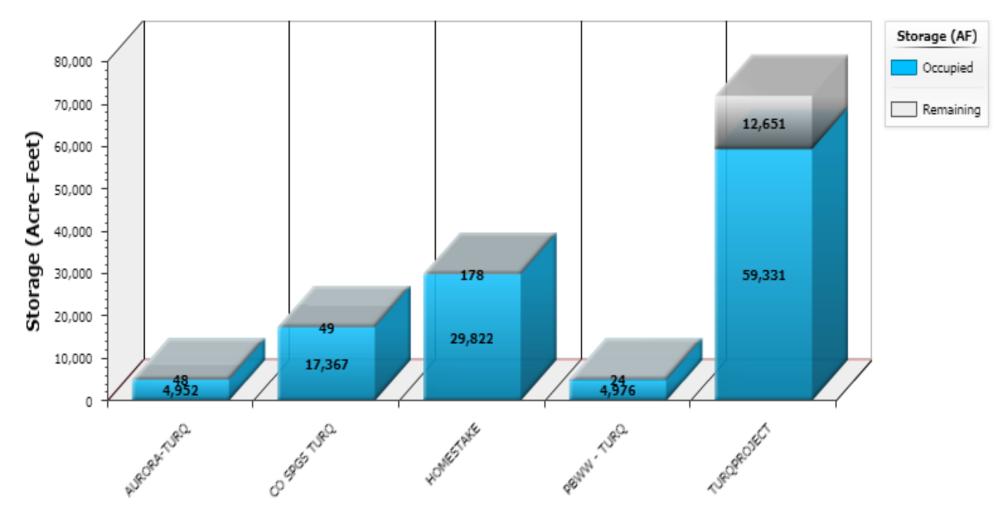
#### **TWIN LAKES**



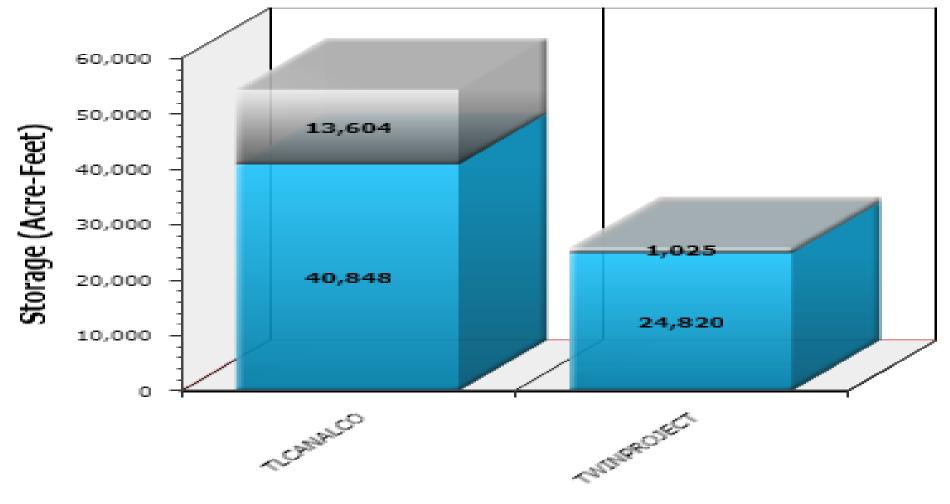
#### **PUEBLO RESERVOIR**



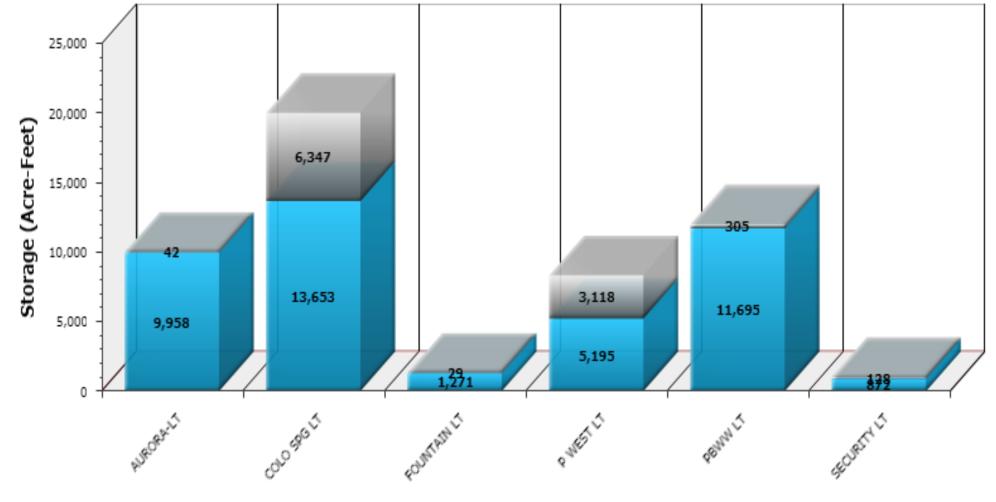




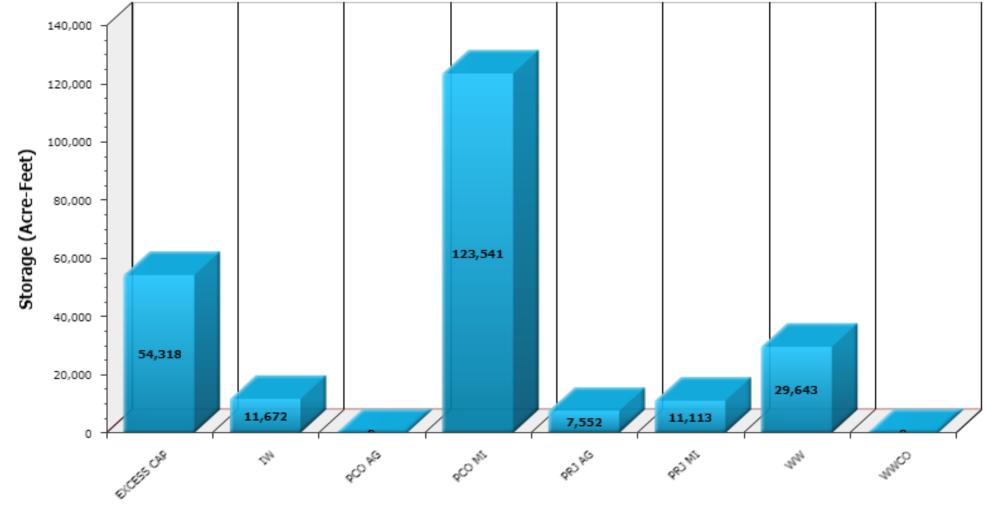
Turquoise (leave 3.5KAF open)



Twin

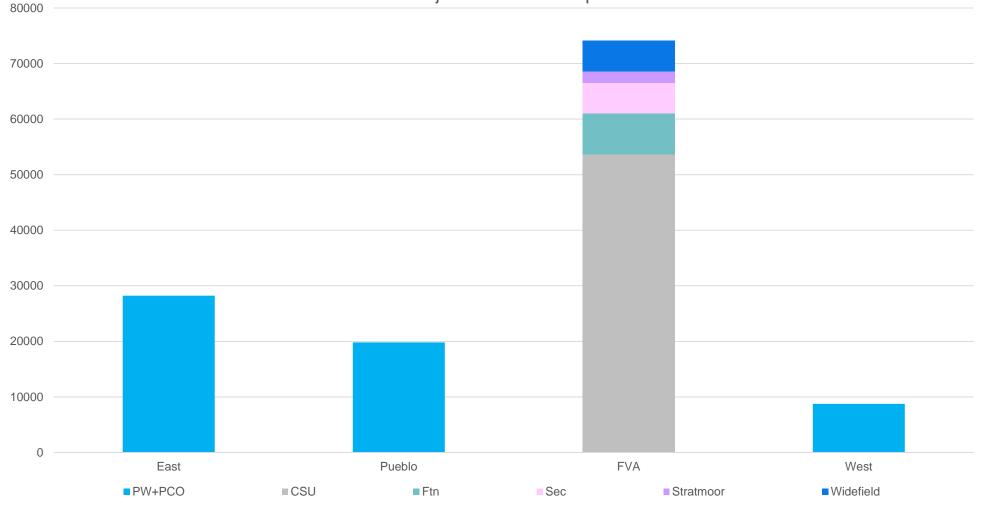


Account



Account

First Use Project + PCO Municipal Water



## **September 30, 2017**

### Total M&I PW in the system = 135,085

- EAST = 28,218
- WEST = 8,757
- PUEBLO = 19,808
- OTHER = 4,215
- FVA = 74.087
  - CSU = 58,683
  - Fountain = 7,374
  - Security = 5,503
  - *− Stratmoor* = 2,004
  - − Widefield = 5,523

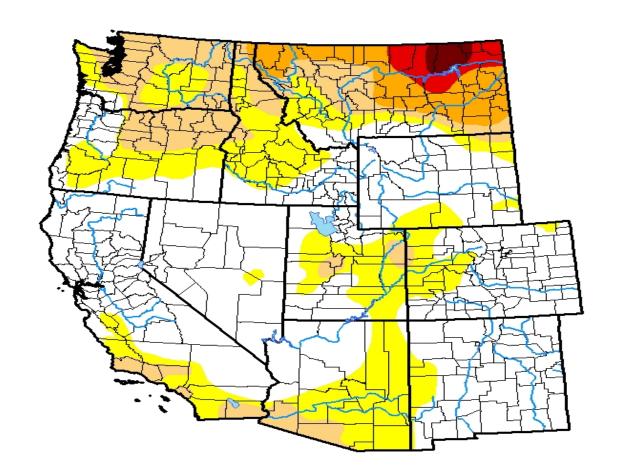


## **Fall Operations**

- The collection system has been winterized.
- Mt Elbert conduit is currently off.
- At present we are moving 175
   cfs of Project water from Twin
   to Pueblo
- Plan on moving an additional ~50,000 a/f from the upper reservoirs.
- Movement of water will be adjusted according to the forecast and customers needs.



## U.S. Drought Monitor West



#### October 10, 2017

(Released Thursday, Oct. 12, 2017)
Valid 8 a.m. EDT

#### Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	57.20	42.80	19.49	6.90	2.21	0.68
Last Week 10-03-2017	55.65	44.35	19.71	8.24	2.90	1.26
3 Month's Ago 07-11-2017	72.11	27.89	10.86	4.94	2.73	0.00
Start of Calendar Year 01-03-2017	54.19	45.81	21.51	8.53	5. 11	2.44
Start of Water Year 09-26-2017	55.72	44.28	21.01	8.72	5.30	2.17
One Year Ago 10-11-2016	37.98	62.02	27.14	12.09	5.73	2.81

#### Intensity:

D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

#### Author:

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http://droughtmonitor.unl.edu/



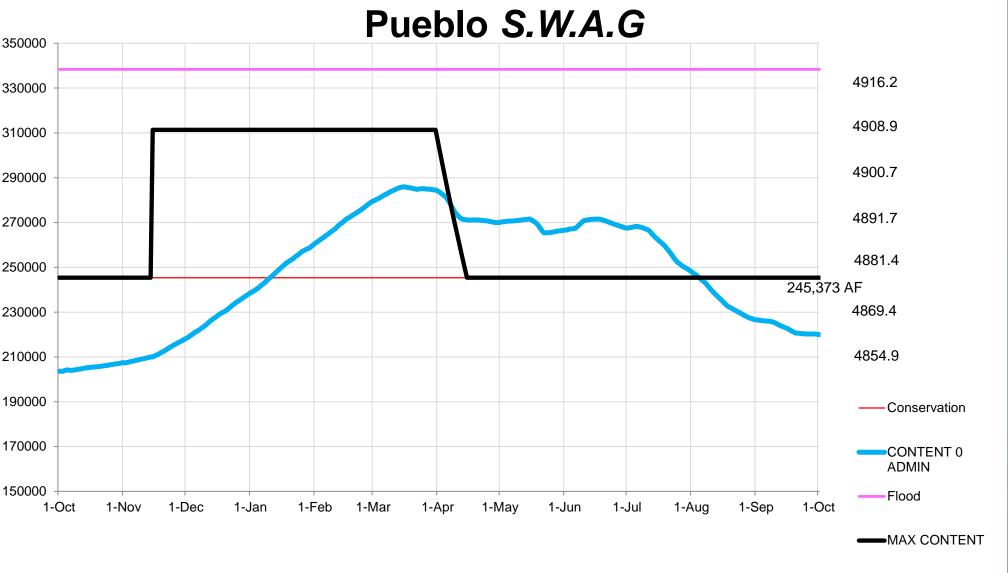






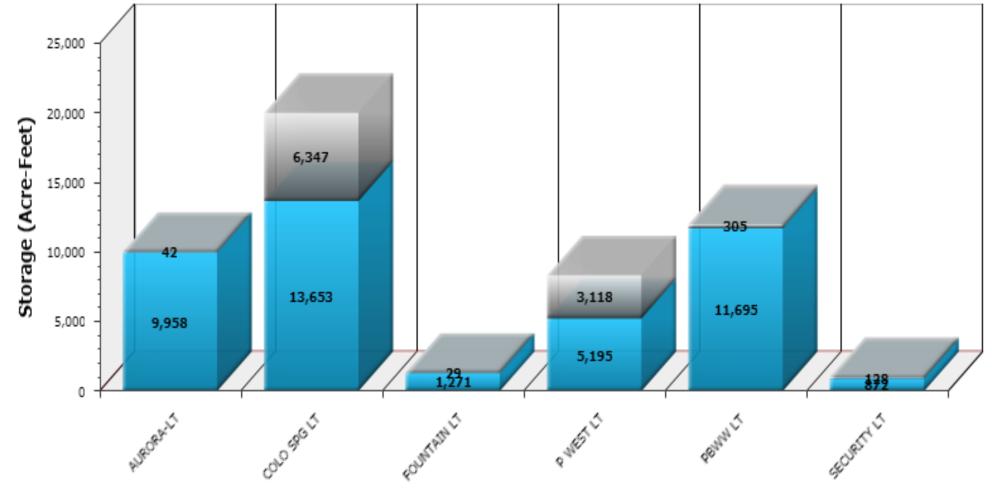




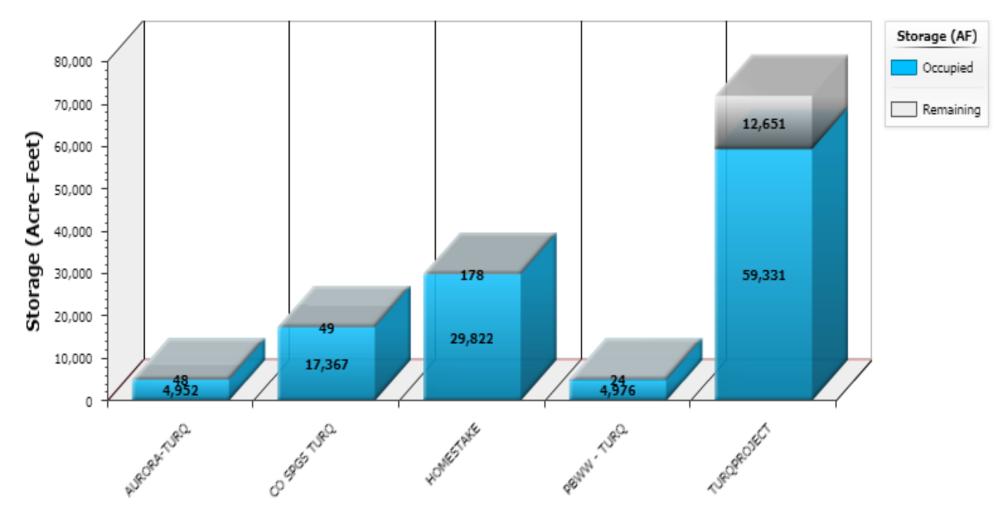


- 2016 W.W.
- 2016 Ag. Proj. W.

$$262,533 - 245,373 = 17,160$$



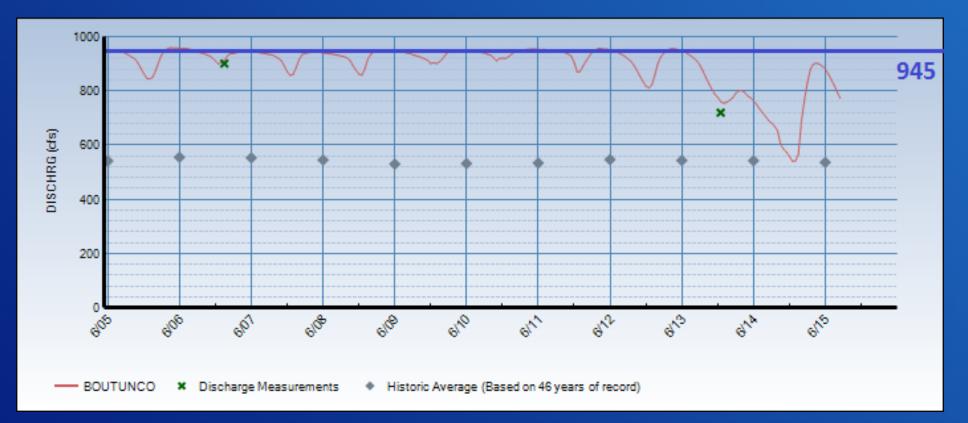
Account



Turquoise (leave 3.5KAF open)



## Boustead Imports to Date 67,009 a/f



Upper Colorado River Basin Time Series Snowpack Summary Based on Provisional SNOTEL data as of Jun 14, 2017 25 Current as Pct of Normal: 281% Current as Pct of Avg: 85% Current as Pct of Last Year: 163% Current as Pct of Peak: 8% 2014 80.3 Normal as Pct of Peak: 3% Current Peak as Pct of Normal Peak: 112% 2015 72.2 Current Peak Date: Mar 14 Snow Water Equivalent (inches) Normal Peak Date: Apr 10 2016 **59.2** Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Apr 01 May 01 Jun 01 Jul 01 Aug 01 Sep 01 WY2015

Arkansas River Basin Time Series Snowpack Summary Based on Provisional SNOTEL data as of Jun 14, 2017 16 Current as Pct of Normal: 317% Conservation Service Current as Pct of Avg: 126% Current as Pct of Last Year: 267% Current as Pct of Peak: 13% Normal as Pct of Peak: 4% Current Peak as Pct of Normal Peak: 123% Snow Water Equivalent (inches) Current Peak Date: Apr 06 Normal Peak Date: Apr 11 Oct 01 Nov 01 Dec 01 Jan 01 Feb 01 Mar 01 Apr 01 May 01 Jun 01 Jul 01 Aug 01 Sep 01