

Water Report

October 17, 2017

- Weather Forecast
- Status of Watershed
- CCSF Reservoir Storage and Operations
- Don Pedro Reservoir Storage and Operations



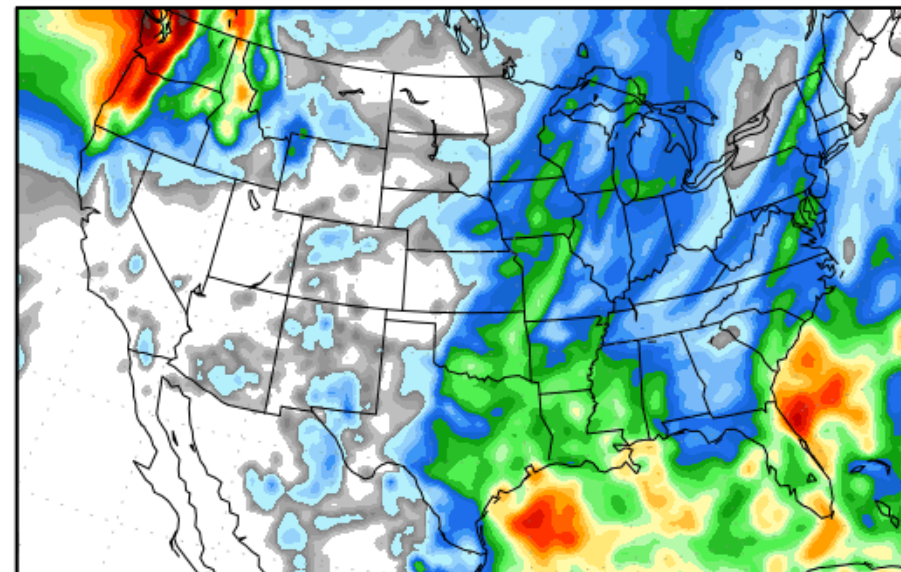
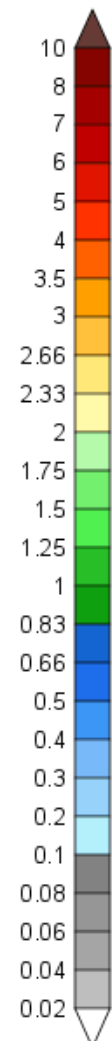
Precipitation Forecasts

Precipitation (in)
during the period:

Mon, 16 OCT 2017 at 12Z

-to-

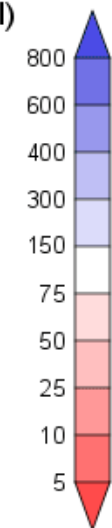
Tue, 24 OCT 2017 at 12Z



Tue, 24 OCT 2017 at 12Z

-to-

Wed, 01 NOV 2017 at 12Z

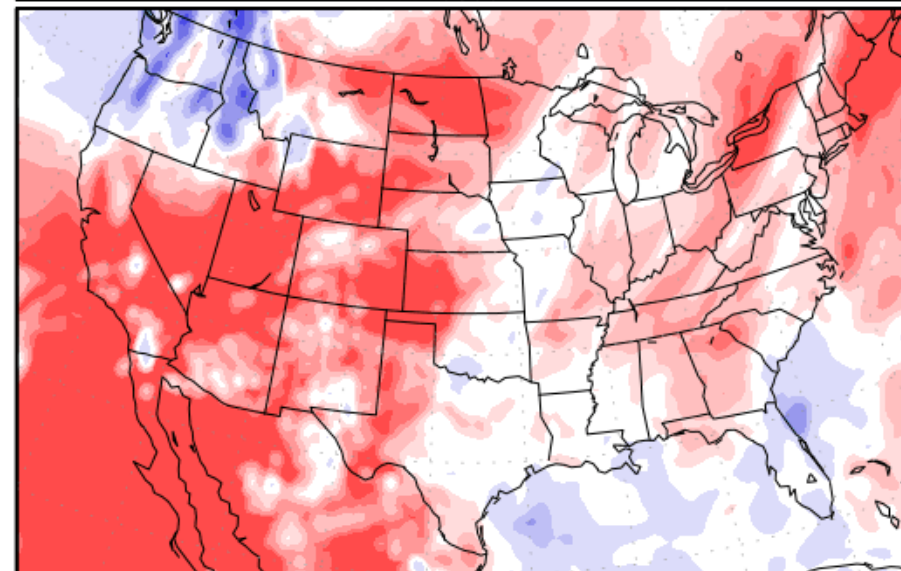


Precipitation (% of normal)
during the first period:

Mon, 16 OCT 2017 at 12Z

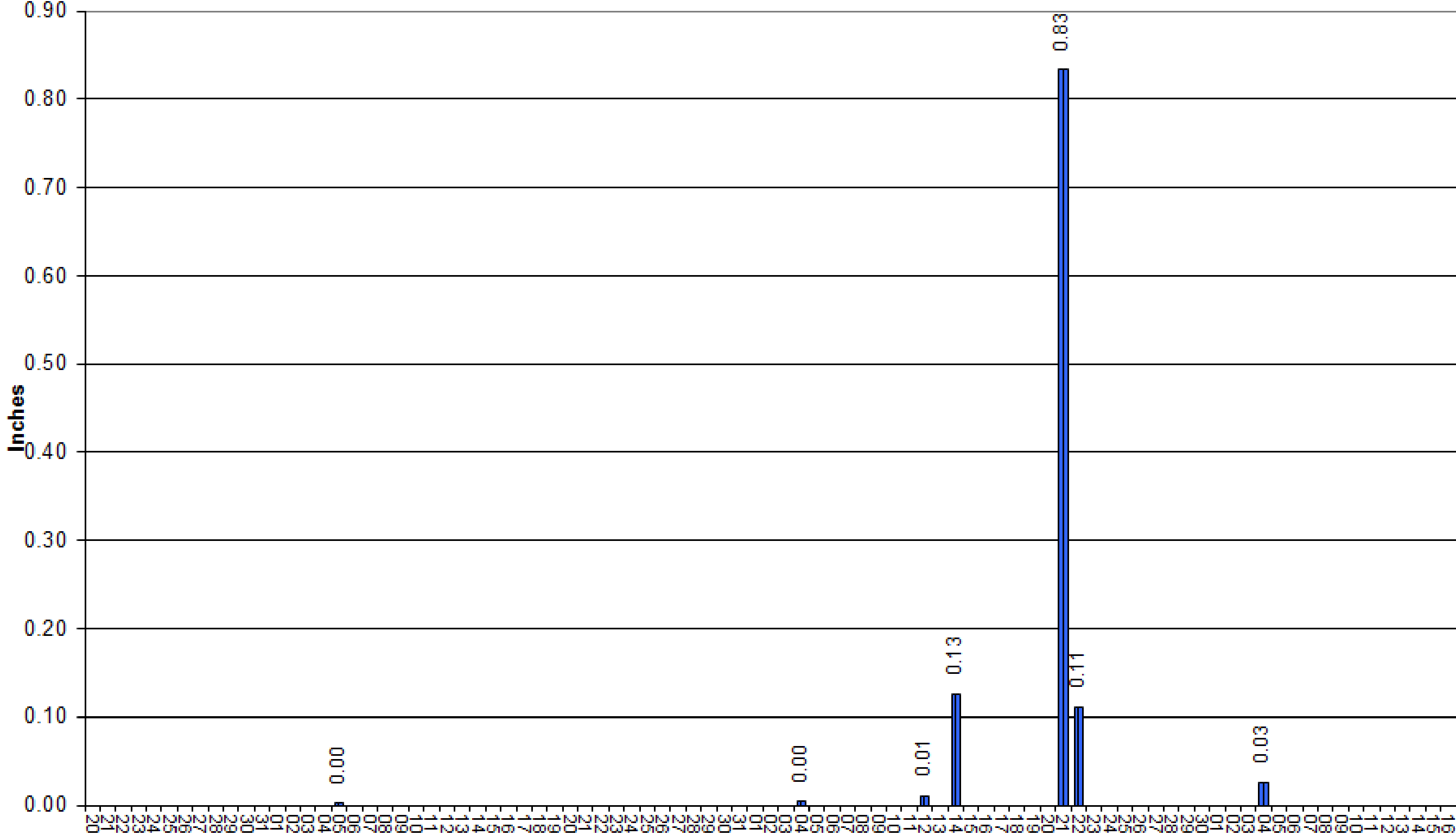
-to-

Tue, 24 OCT 2017 at 12Z



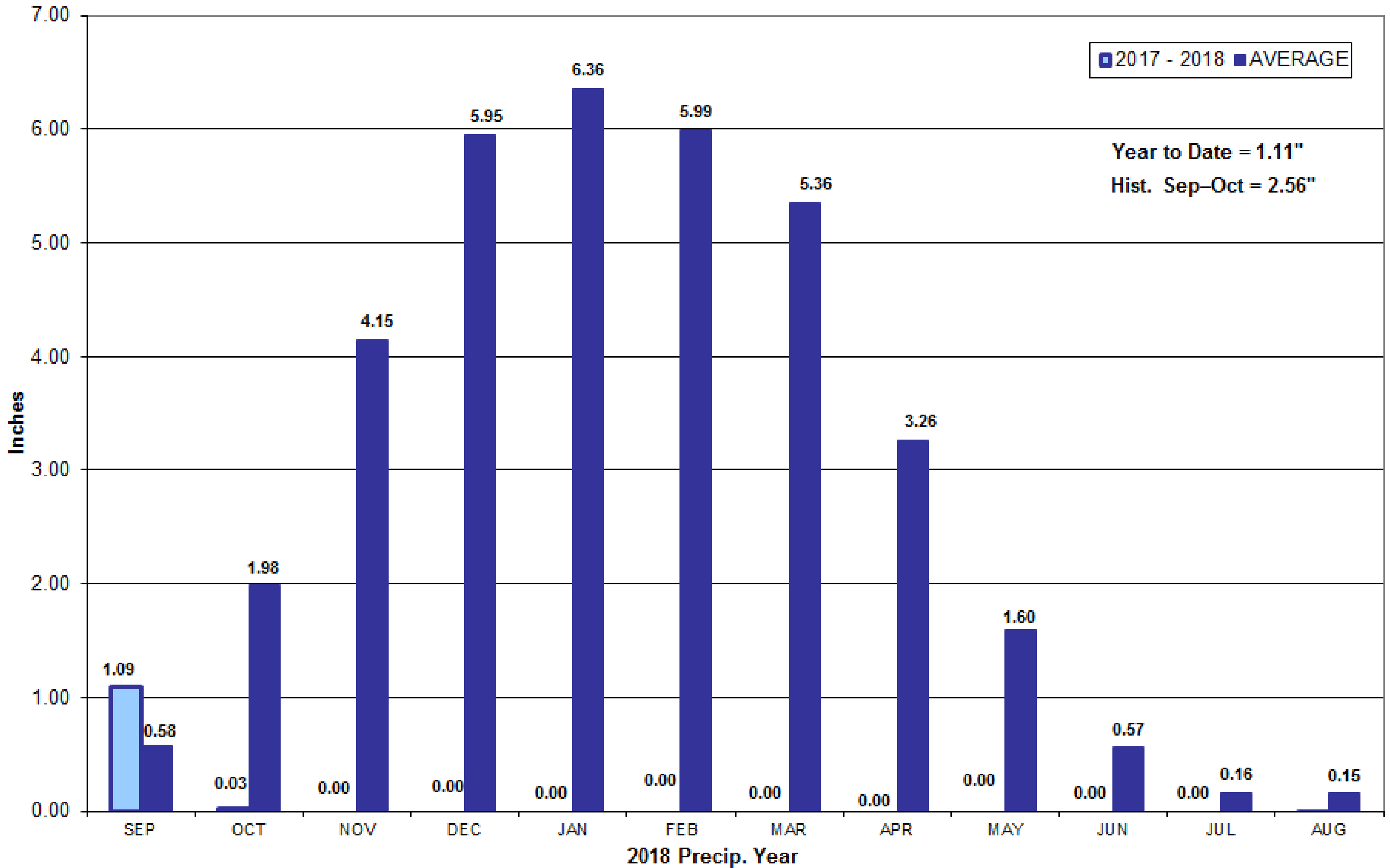
Precipitation forecasts from the National Centers for Environmental Prediction.
Normal rainfall derived from Xie-Arkin (CMAP) Monthly Climatology for 1979-2003.
Forecast Initialization Time: 12Z16OCT2017

Watershed Daily Precipitation



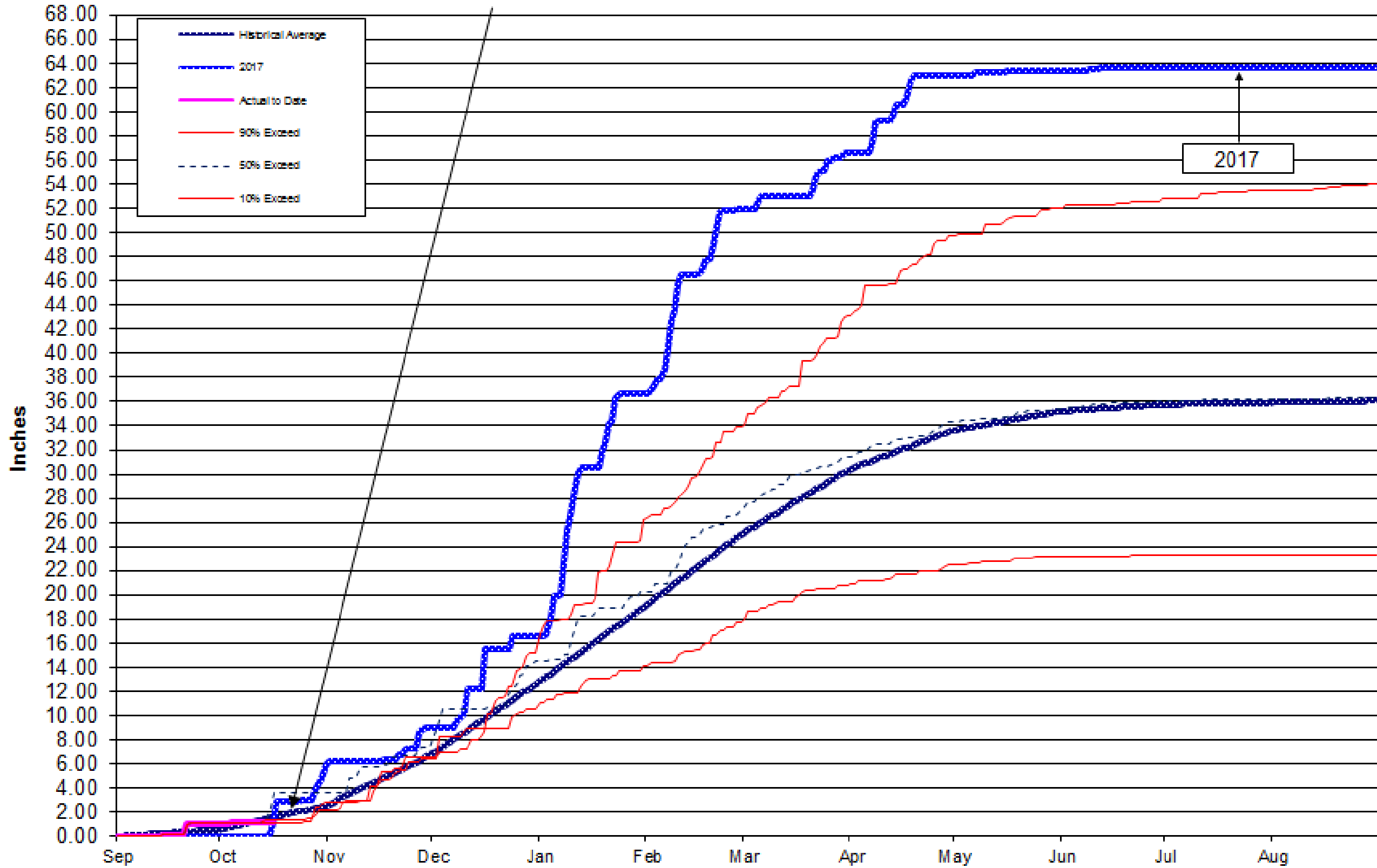
July 20---October 16

Tuolumne River Watershed Monthly Accumulation of Precipitation



Tuolumne River Watershed Accumulated Precipitation

1.11 Inches or 69.4% for this date



WY2018 Computed Natural Flow

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
DAY	CFS	CFS	CFS	CFS	CFS	CFS	CFS	CFS	CFS	CFS	CFS	CFS
1	(55)											
2	593											
3	672											
4	91											
5	742											
6	113											
7	471											
8	180											
9	363											
10	1,008											
11	19											
12	373											
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Average C.F.S.

381

Total Monthly A.F.

9,064

DWR 50 YR Average A.F.

22,000

50,000

88,000

149,000

146,000

214,000

268,000

444,000

345,000

136,000

32,000

16,000

Total October-September Computed Natural Flow=

9,064 A.F.

APR-JLY =

0 A.F.

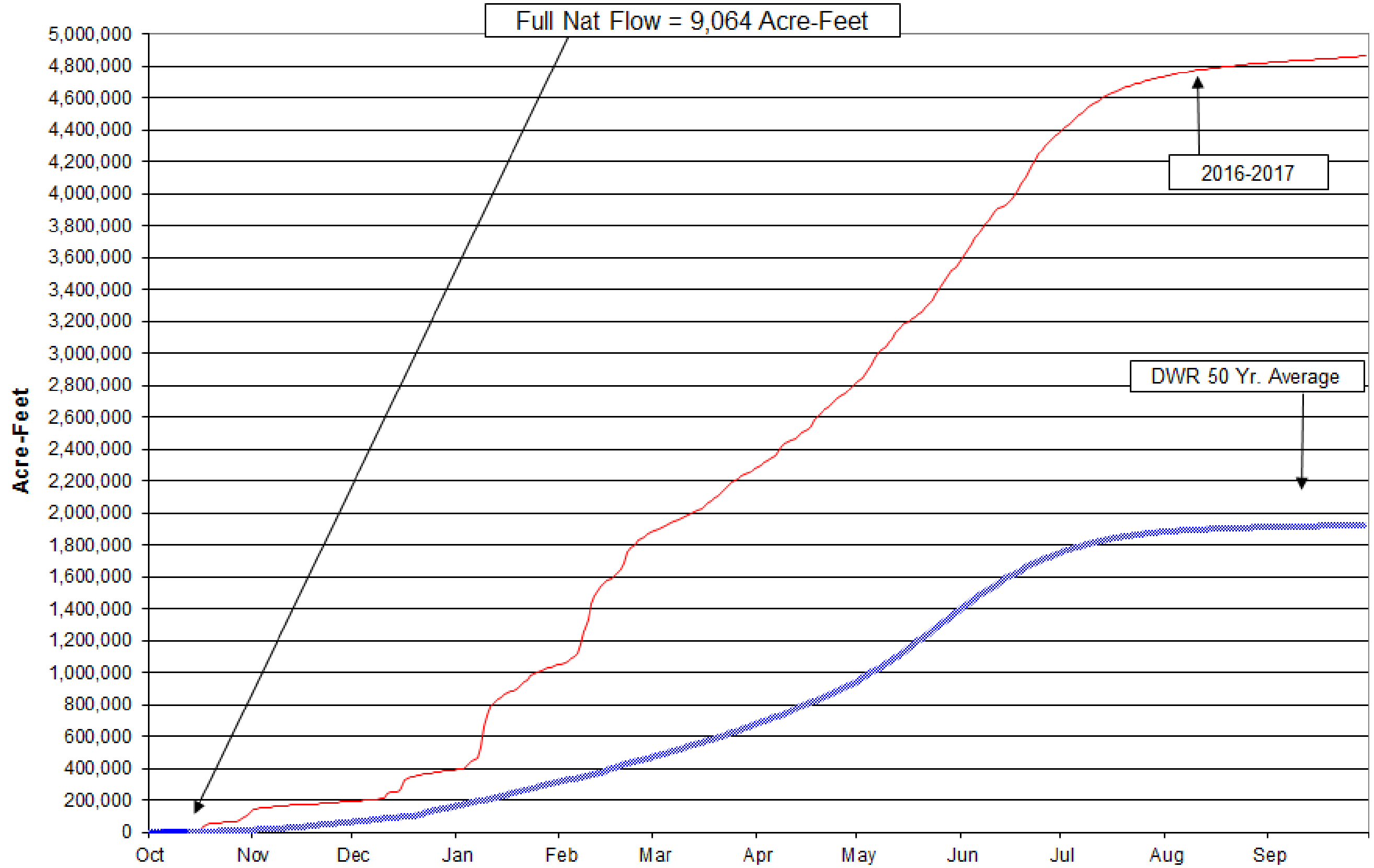
Remaining =

1,900,936

Remaining =

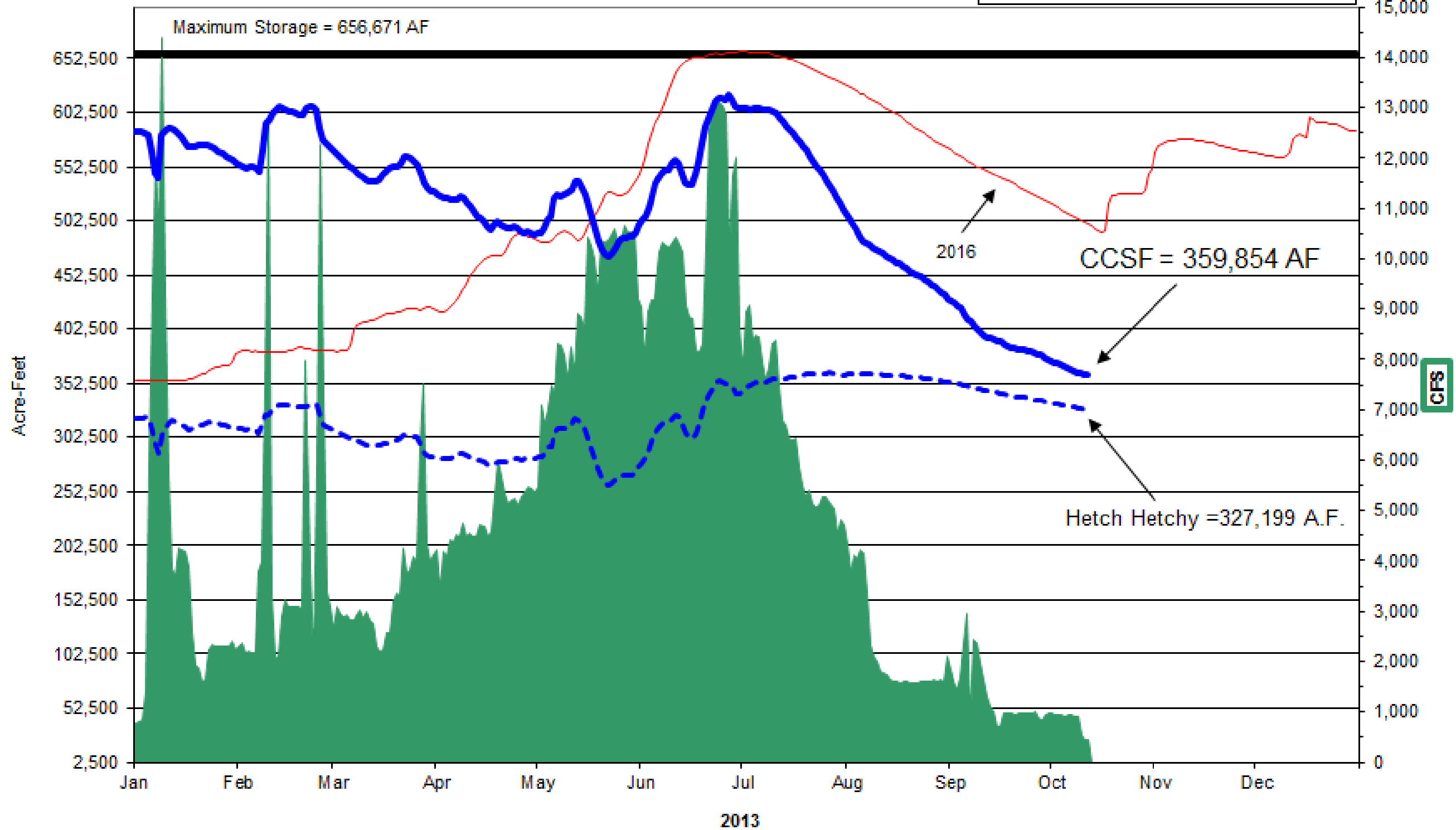
1,193,000

Full Natural Flow



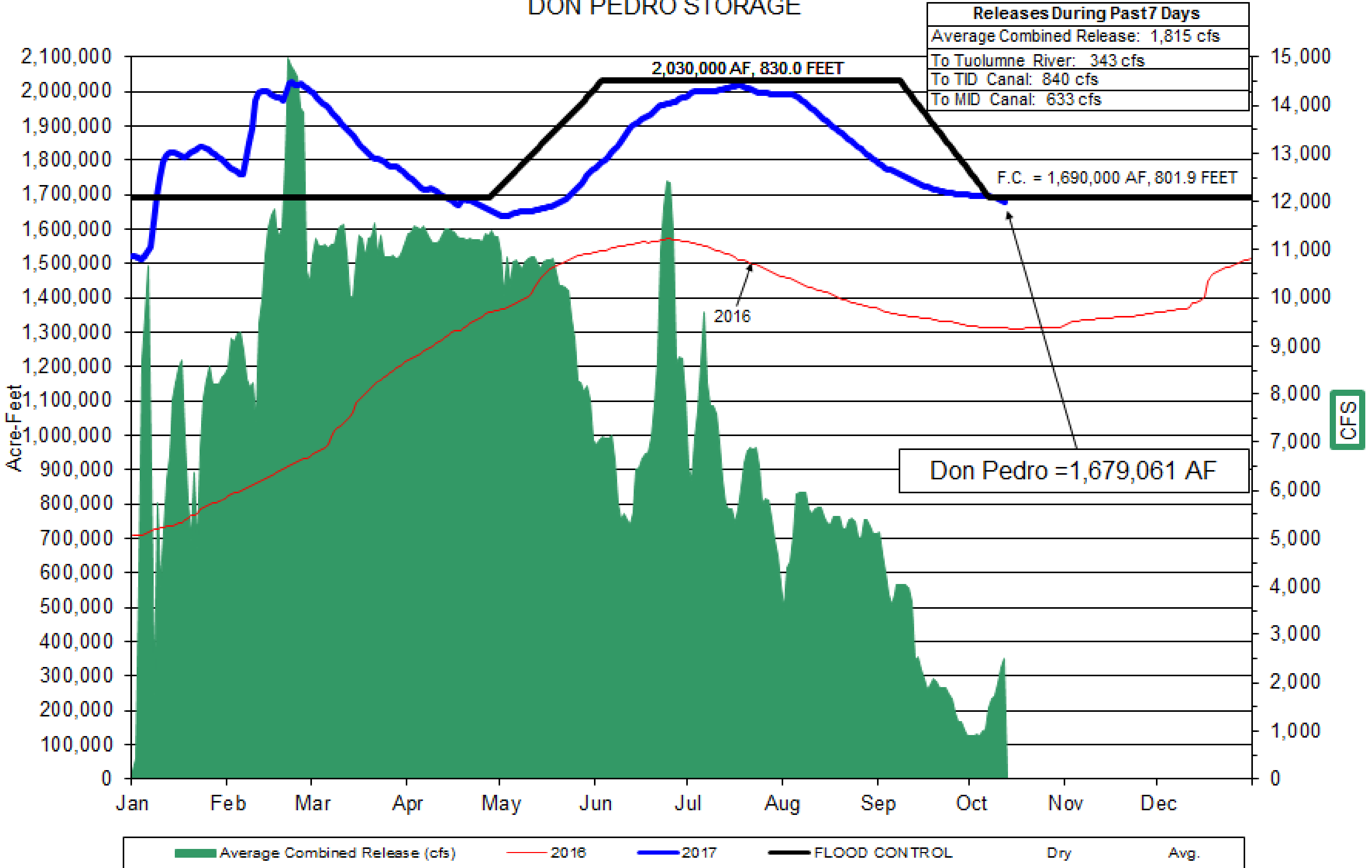
CCSF Total Storage

7-Day Average Release: 731 cfs
 7-Day Average Diversion: 333 cfs

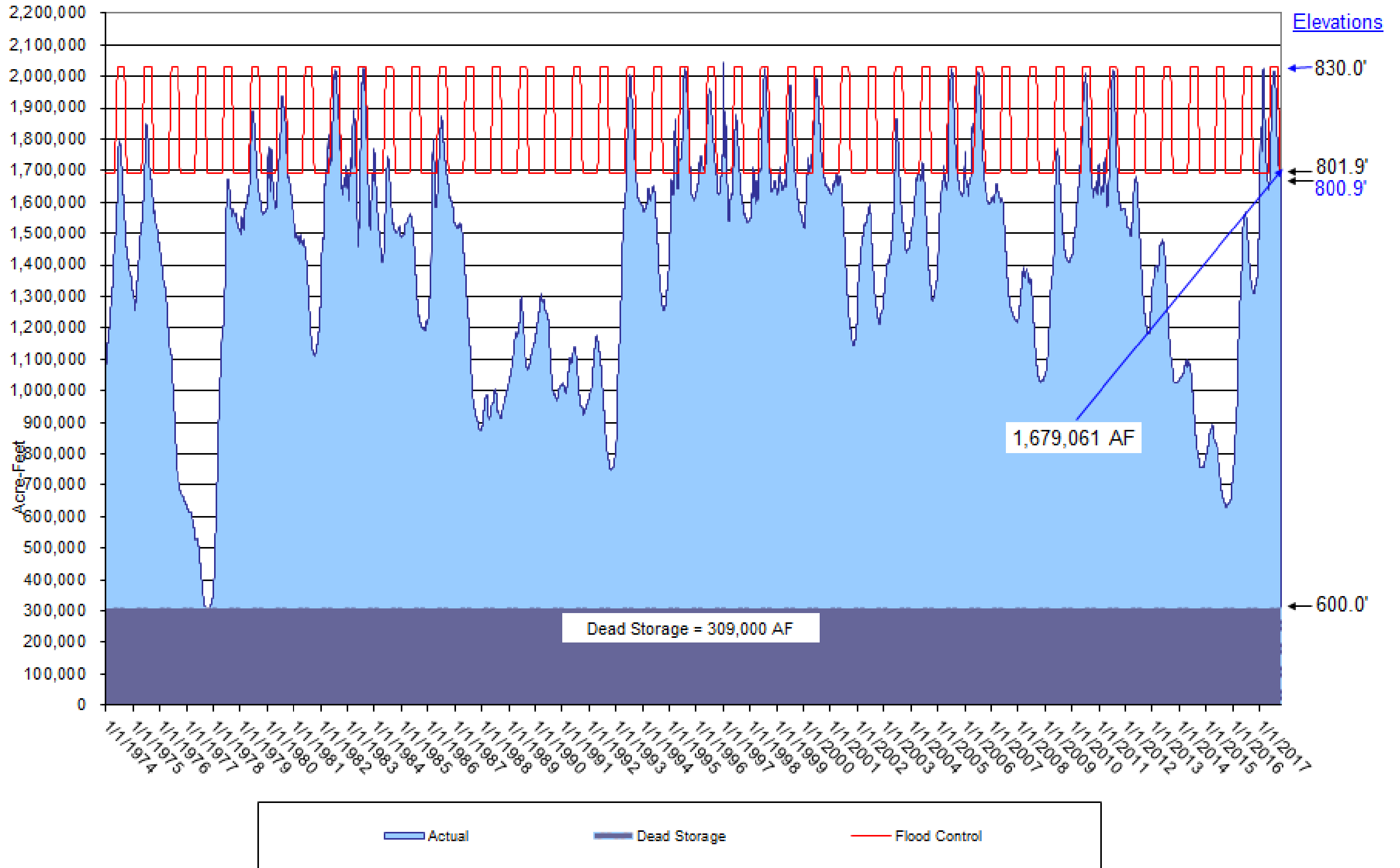


■ Releases (cfs)
 Max Storage
 — CCSF 2016
 — CCSF 2017
 - - - Hetch Hetchy

DON PEDRO STORAGE

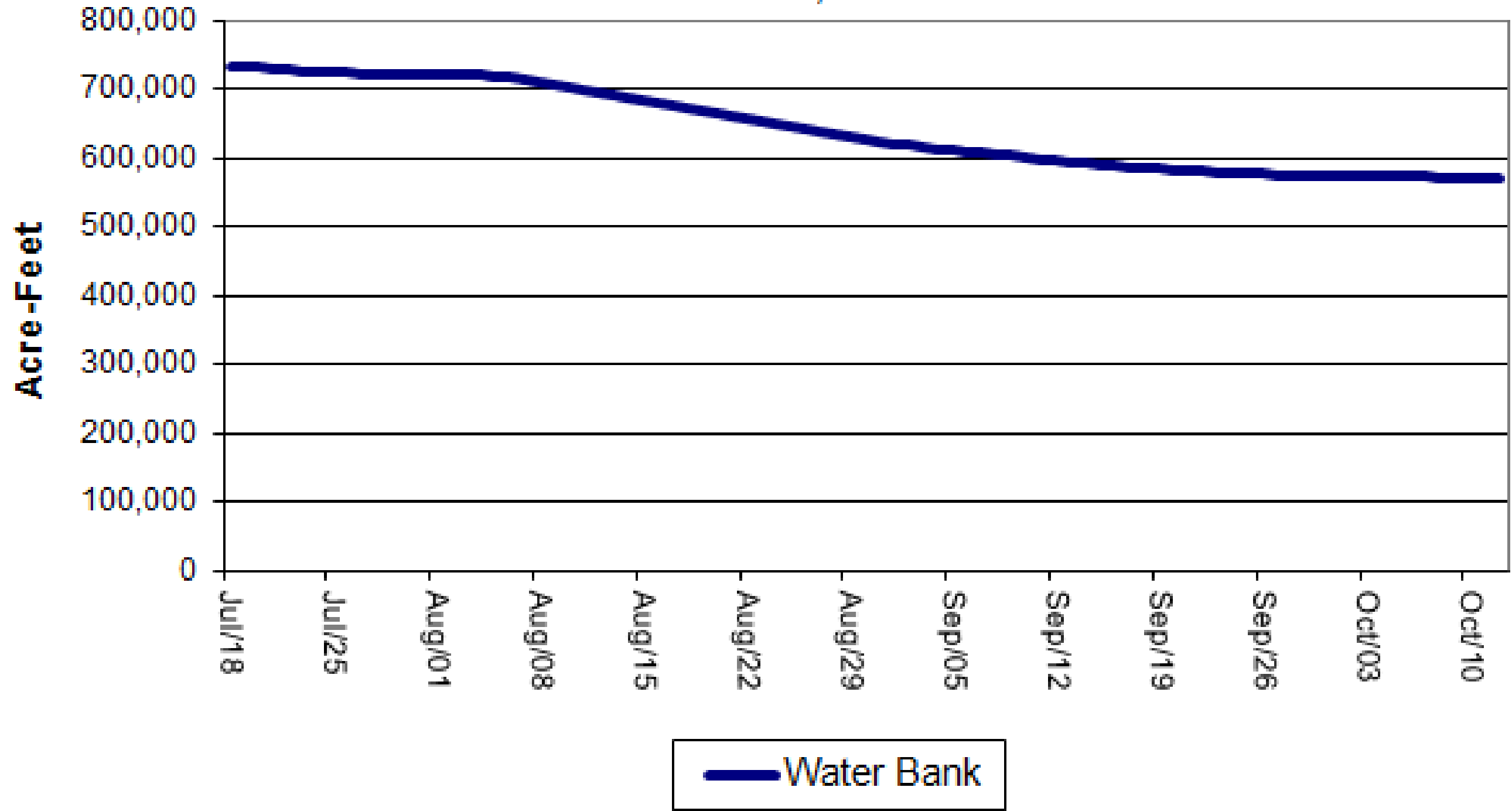


HISTORIC DON PEDRO STORAGE



Don Pedro Water Bank

Water Bank = 569,814 Acre-Feet



Turlock Lake Storage

