

Water Report

November 21, 2017

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



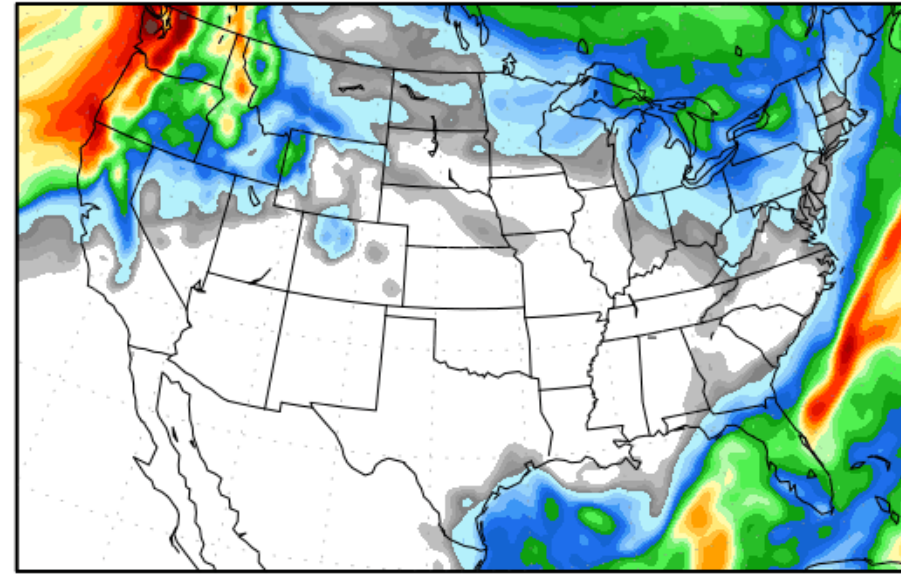
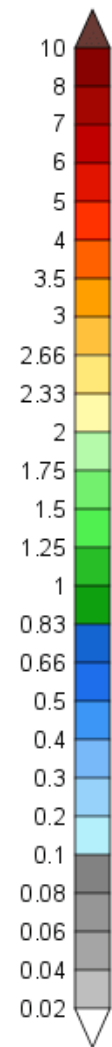
Precipitation Forecasts

Precipitation (in)
during the period:

Mon, 20 NOV 2017 at 12Z

-to-

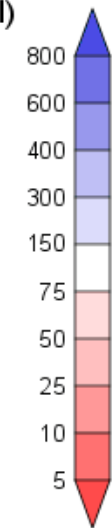
Tue, 28 NOV 2017 at 12Z



Tue, 28 NOV 2017 at 12Z

-to-

Wed, 06 DEC 2017 at 12Z

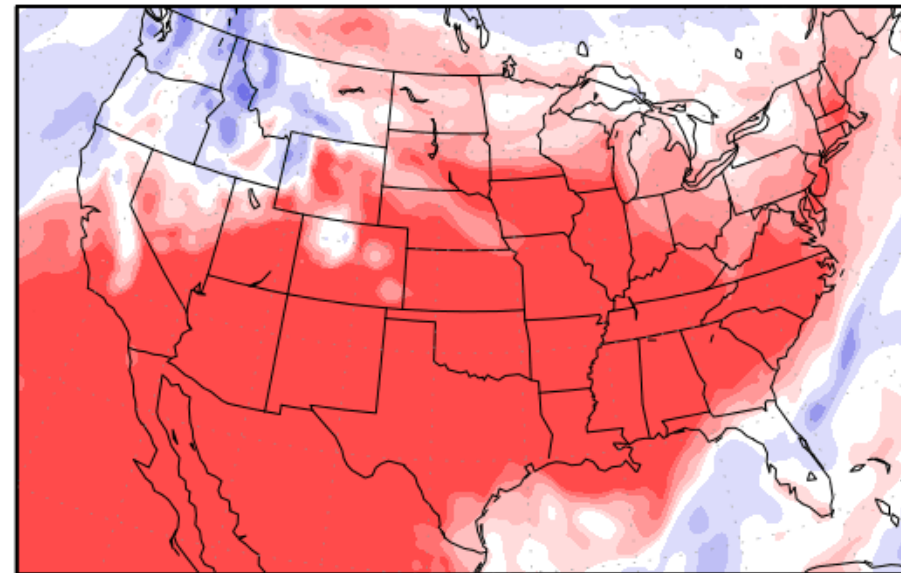


Precipitation (% of normal)
during the first period:

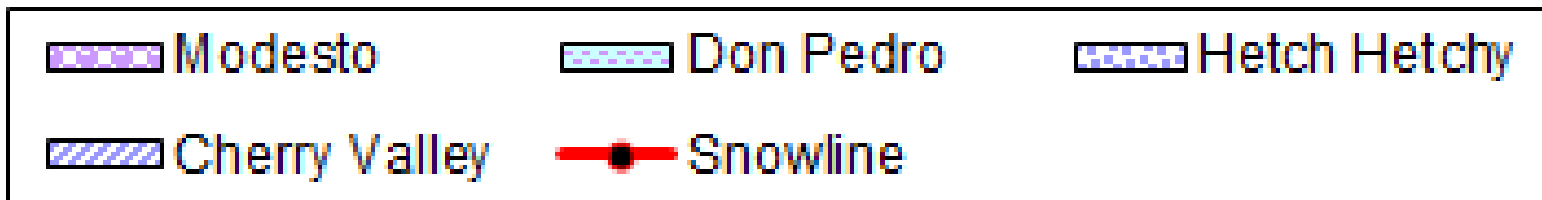
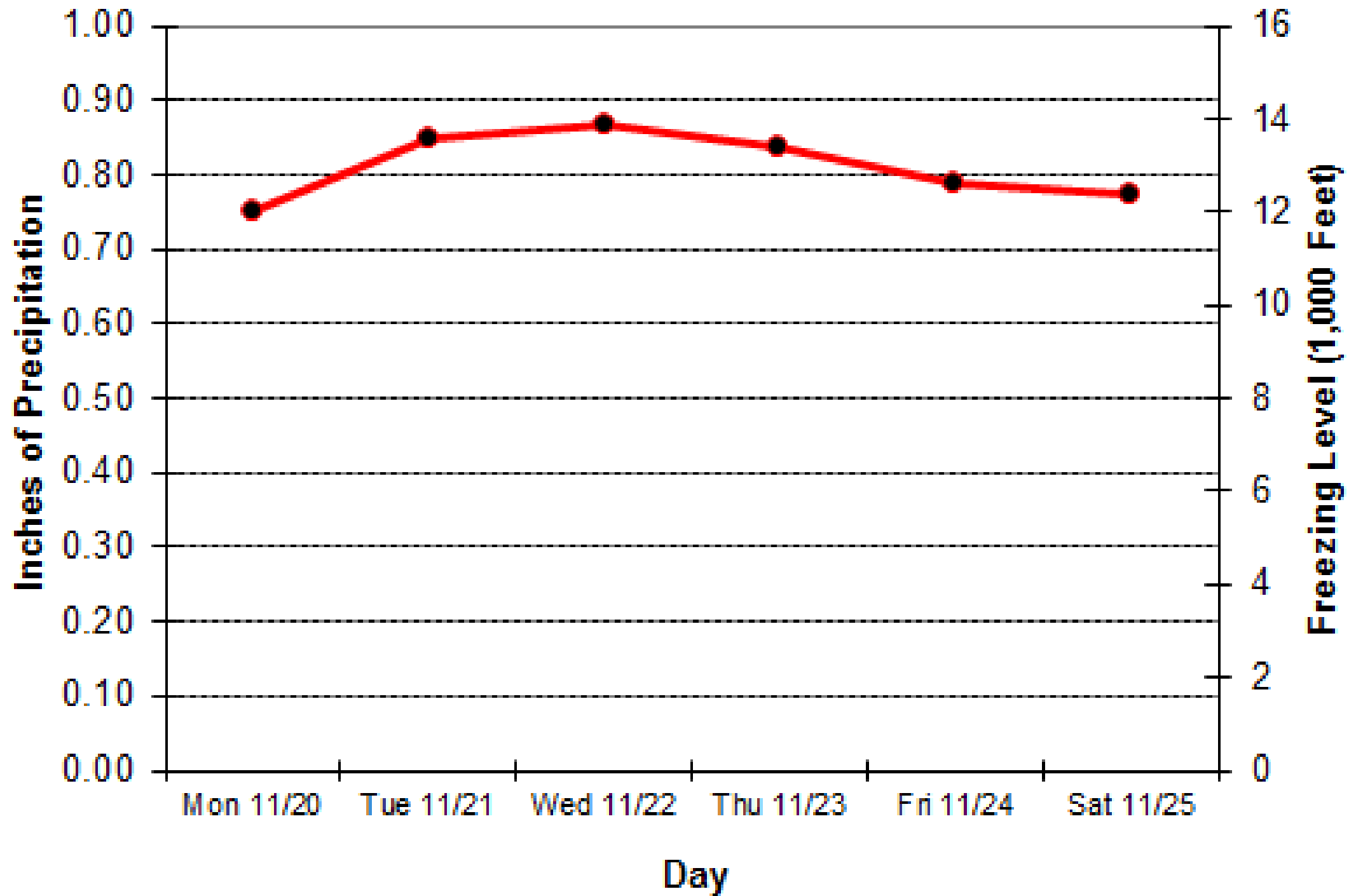
Mon, 20 NOV 2017 at 12Z

-to-

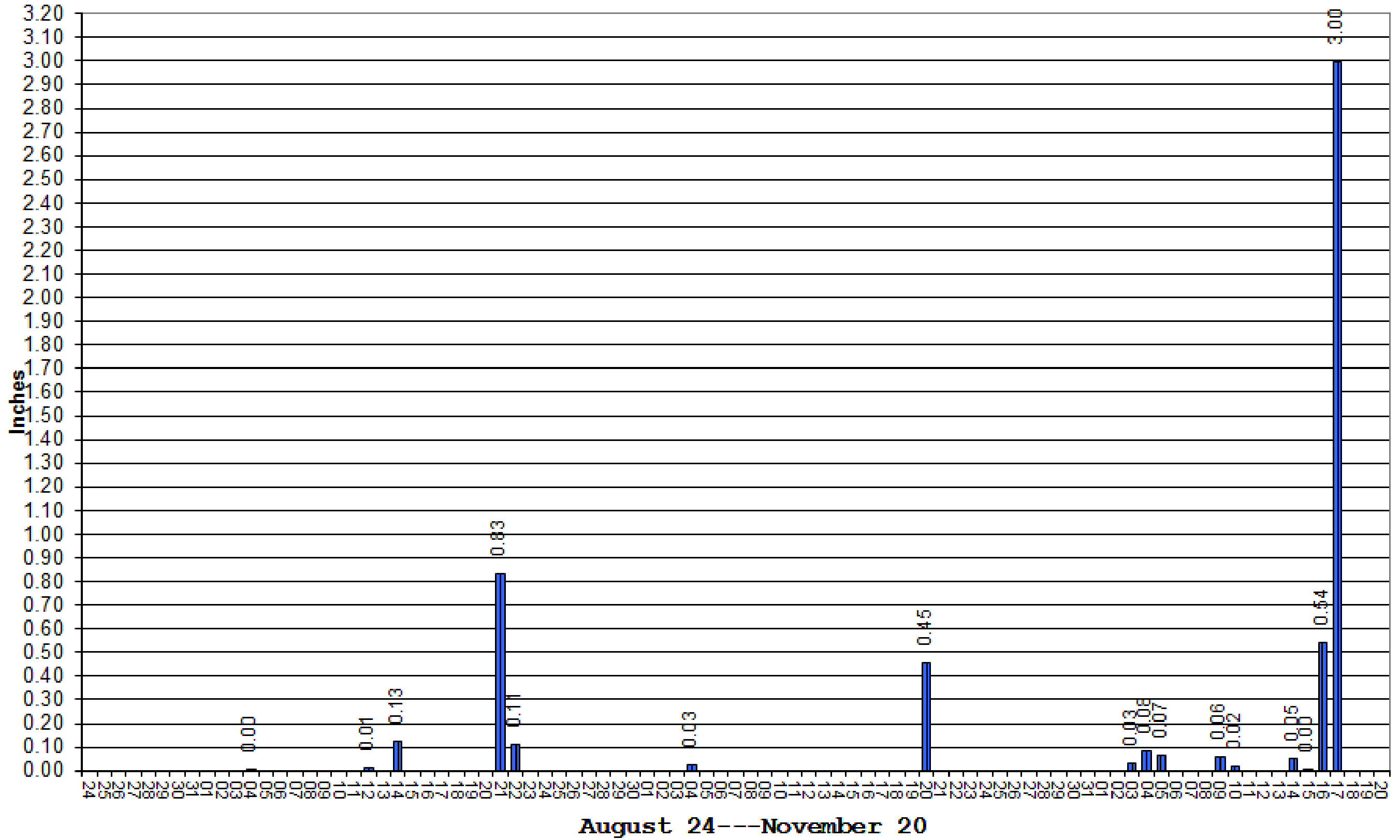
Tue, 28 NOV 2017 at 12Z



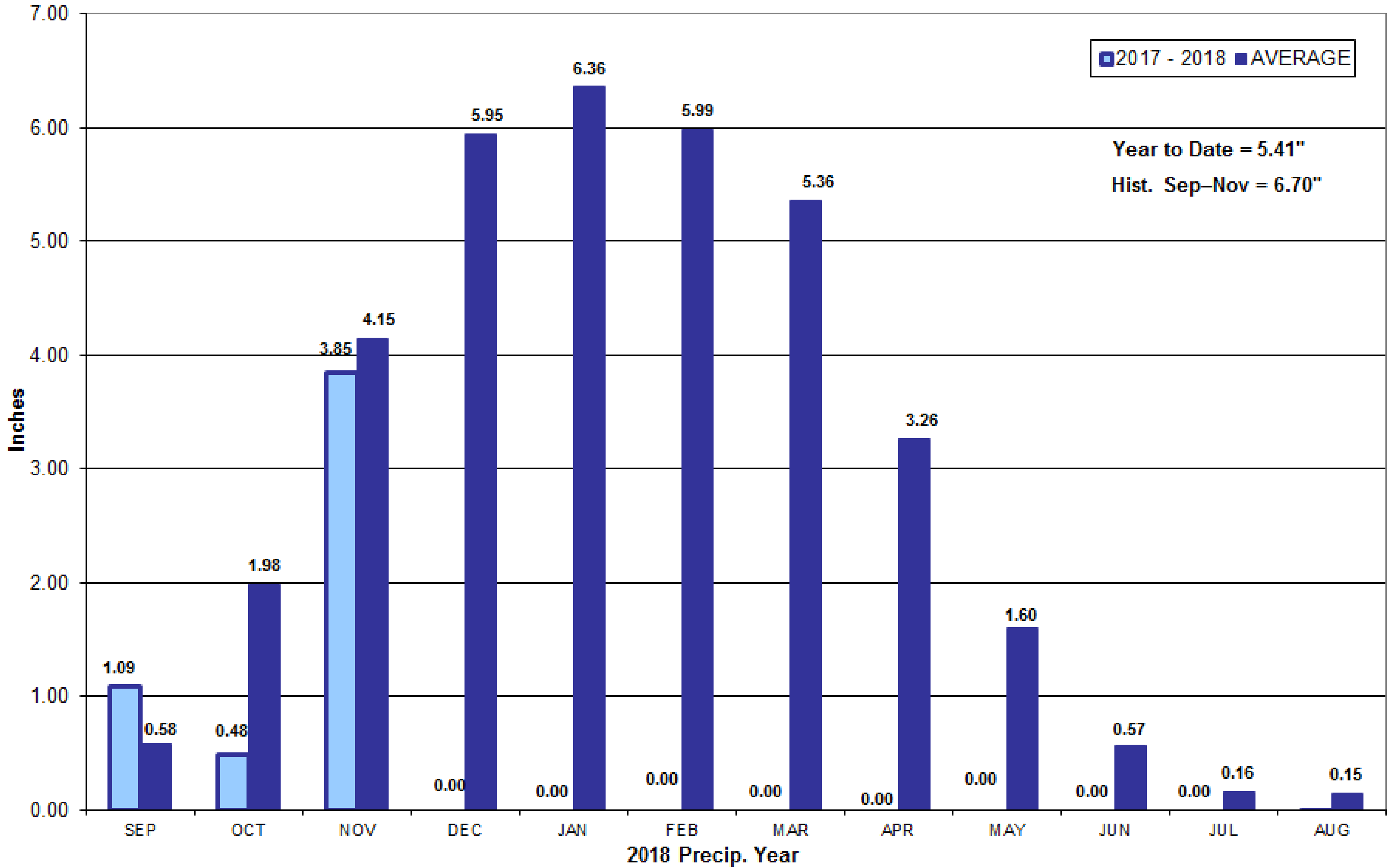
Precipitation forecasts from the National Centers for Environmental Prediction.
Normal rainfall derived from Xie-Arkin (CMAP) Monthly Climatology for 1979-2003.
Forecast Initialization Time: 12Z20NOV2017



Watershed Daily Precipitation

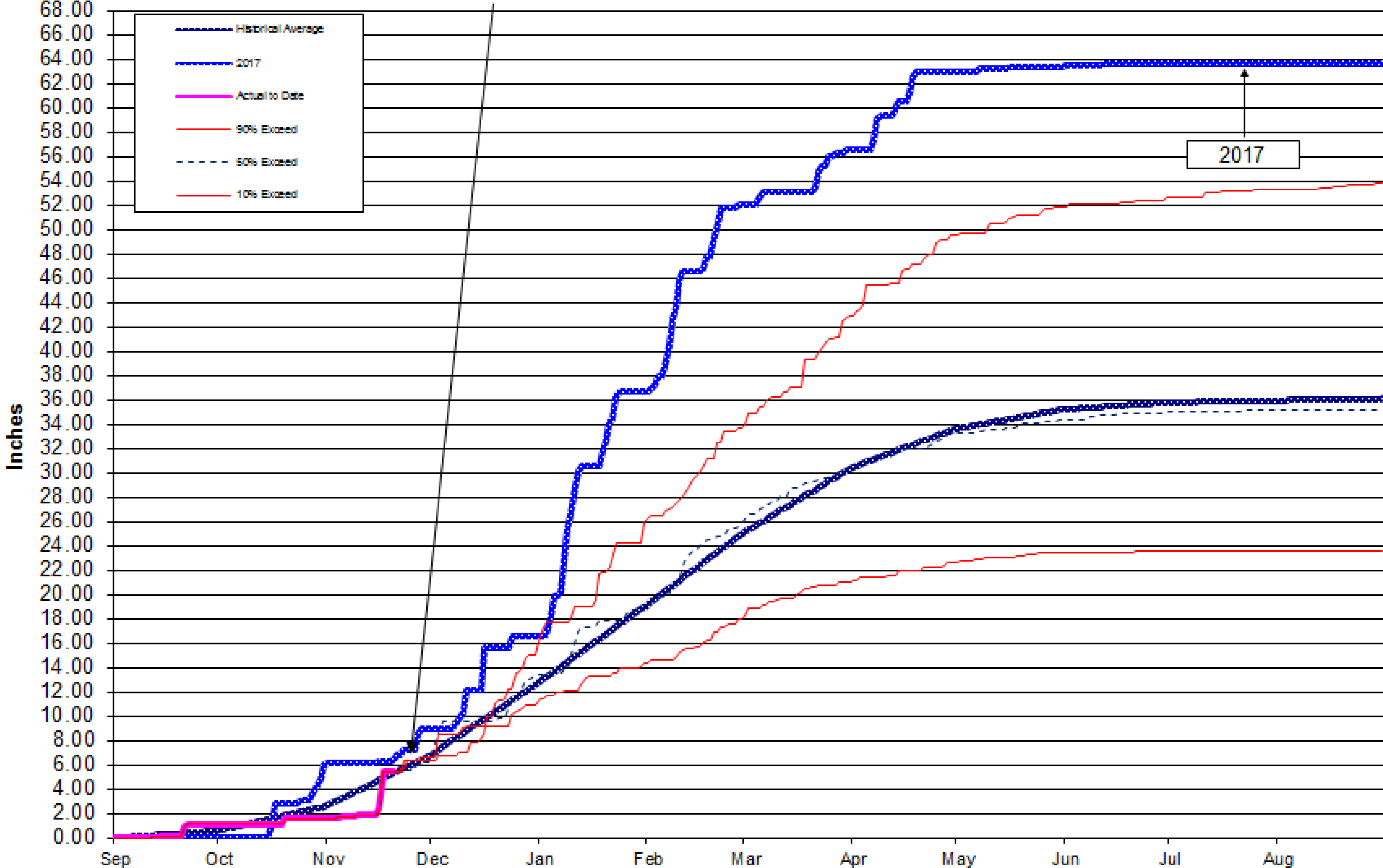


Tuolumne River Watershed Monthly Accumulation of Precipitation



Tuolumne River Watershed Accumulated Precipitation

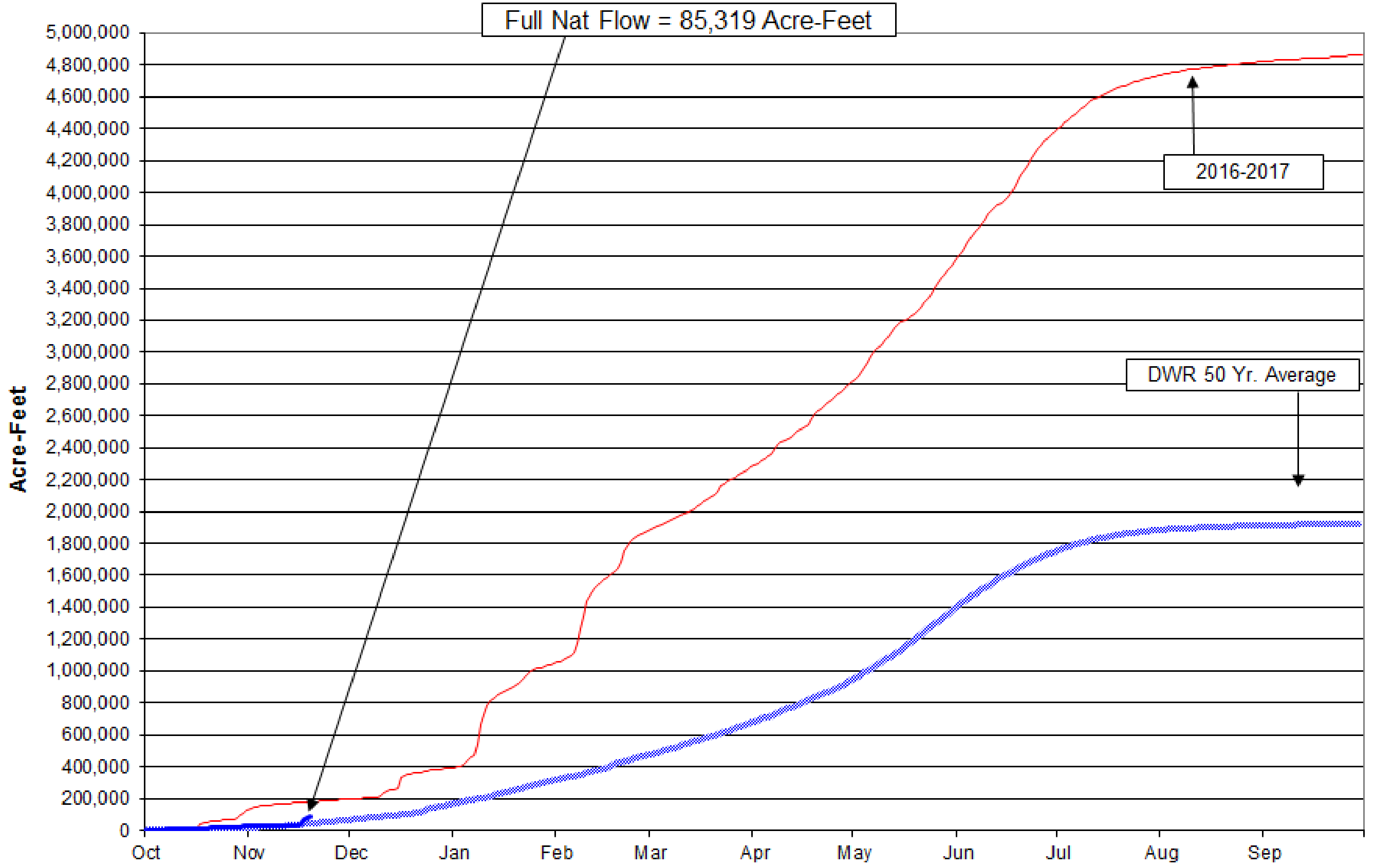
5.41 Inches or 101.7% for this date



WY2018 Computed Natural Flow

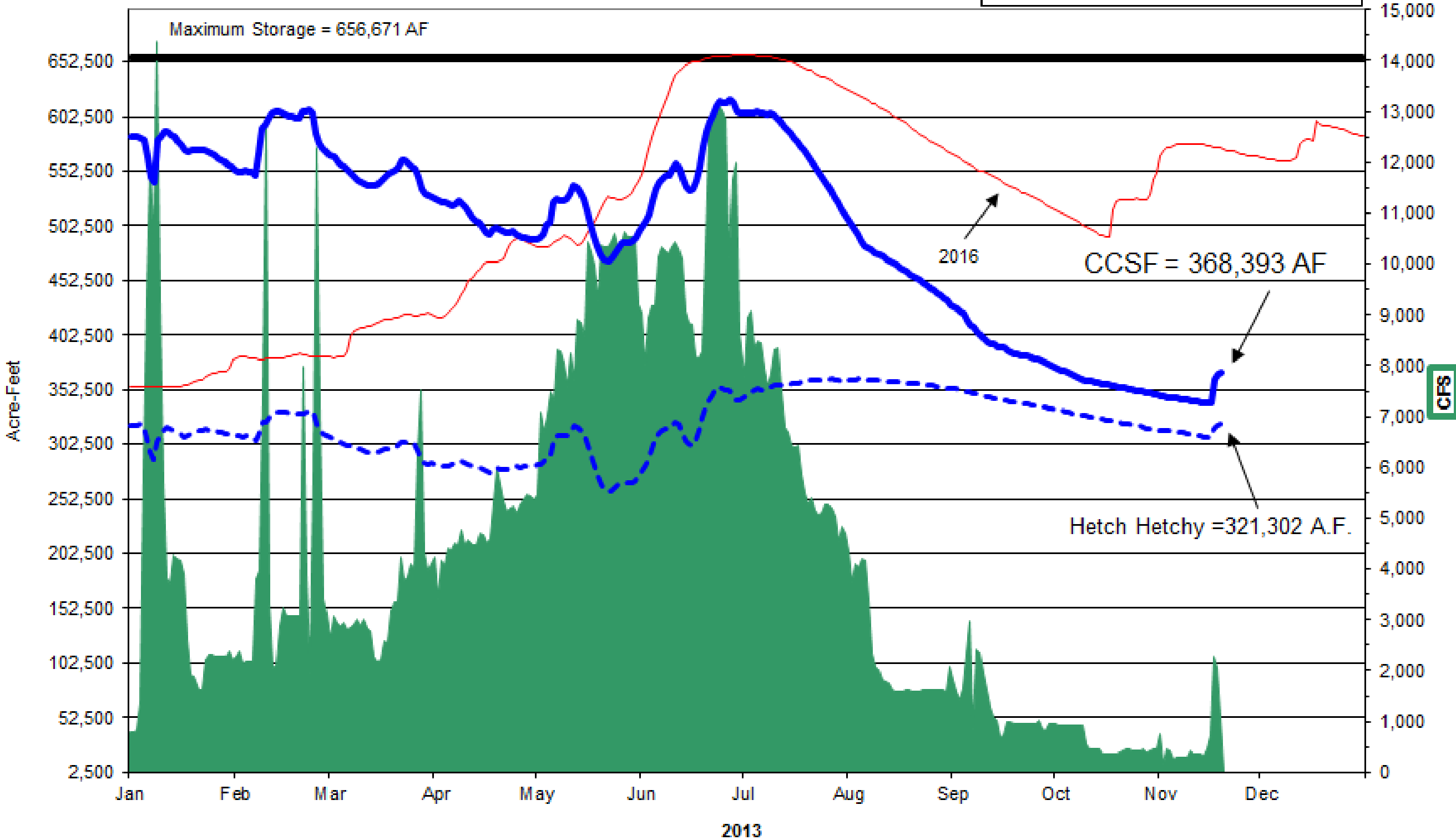
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
DAY	CFS	CFS	CFS	CFS	CFS	CFS	CFS	CFS	CFS	CFS	CFS	CFS
1	(55)	169										
2	593	675										
3	672	114										
4	91	145										
5	742	162										
6	113	524										
7	471	(153)										
8	180	343										
9	363	(201)										
10	1,008	299										
11	19	346										
12	373	333										
13	717	(203)										
14	(145)	447										
15	936	(270)										
16	422	2,379										
17	429	17,549										
18	(23)	4,632										
19	444	2,329										
20	1,110											
21	545											
22	338											
23	257											
24	620											
25	339											
26	424											
27	384											
28	765											
29	164											
30	488											
31	612											
Average C.F.S.	432	1,559										
Total Monthly A.F.	26,569	58,750										
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=				85,319 A.F.					APR-JLY =	0 A.F.		
			Remaining =	1,824,681					Remaining =	1,193,000		

Full Natural Flow



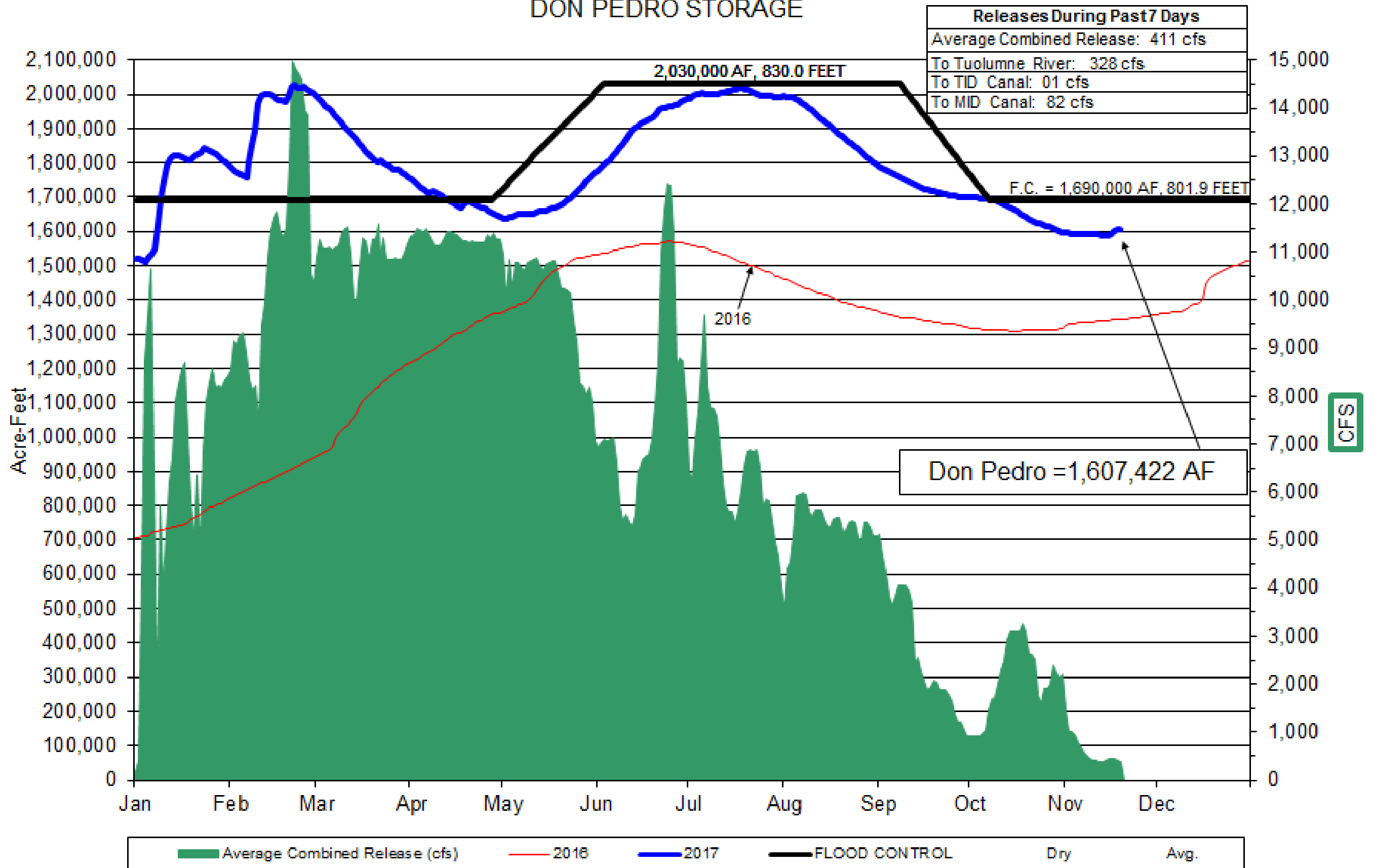
CCSF Total Storage

7-Day Average Release: 1,039 cfs
 7-Day Average Diversion: 225 cfs

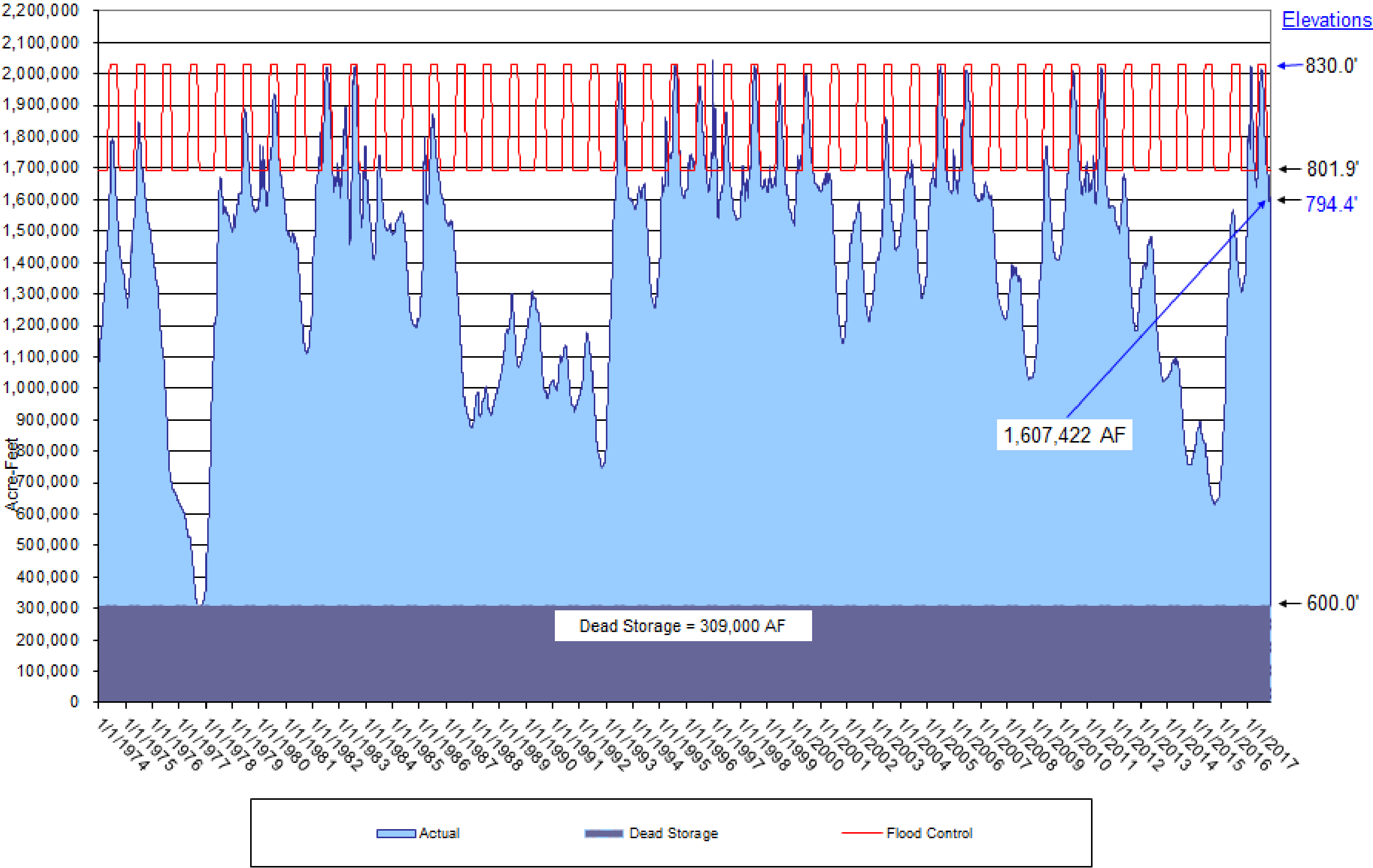


Releases (cfs) Max Storage CCSF 2016 CCSF 2017 Hetch Hetchy

DON PEDRO STORAGE

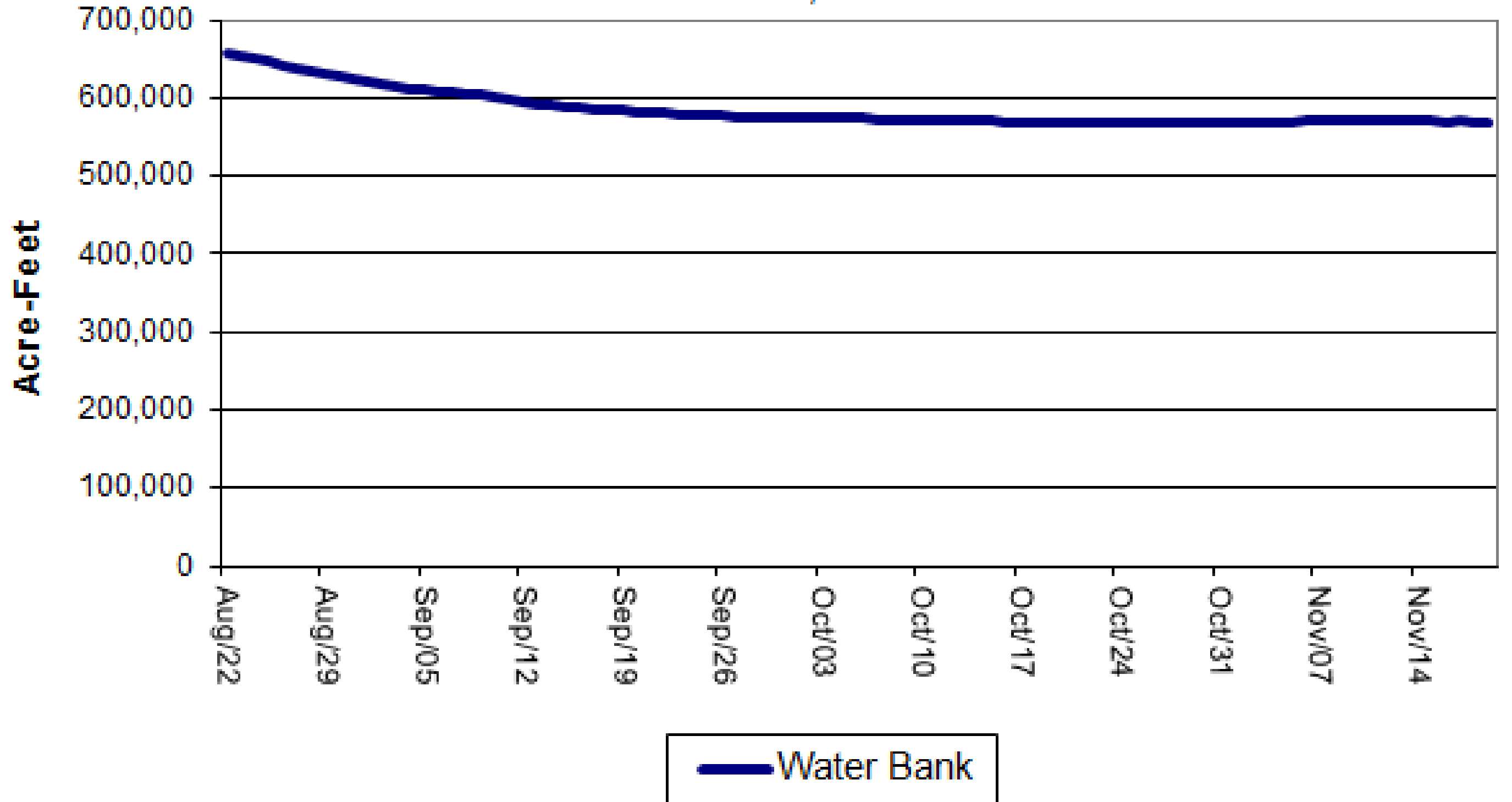


HISTORIC DON PEDRO STORAGE



Don Pedro Water Bank

Water Bank = 567,577 Acre-Feet



Turlock Lake Storage

