

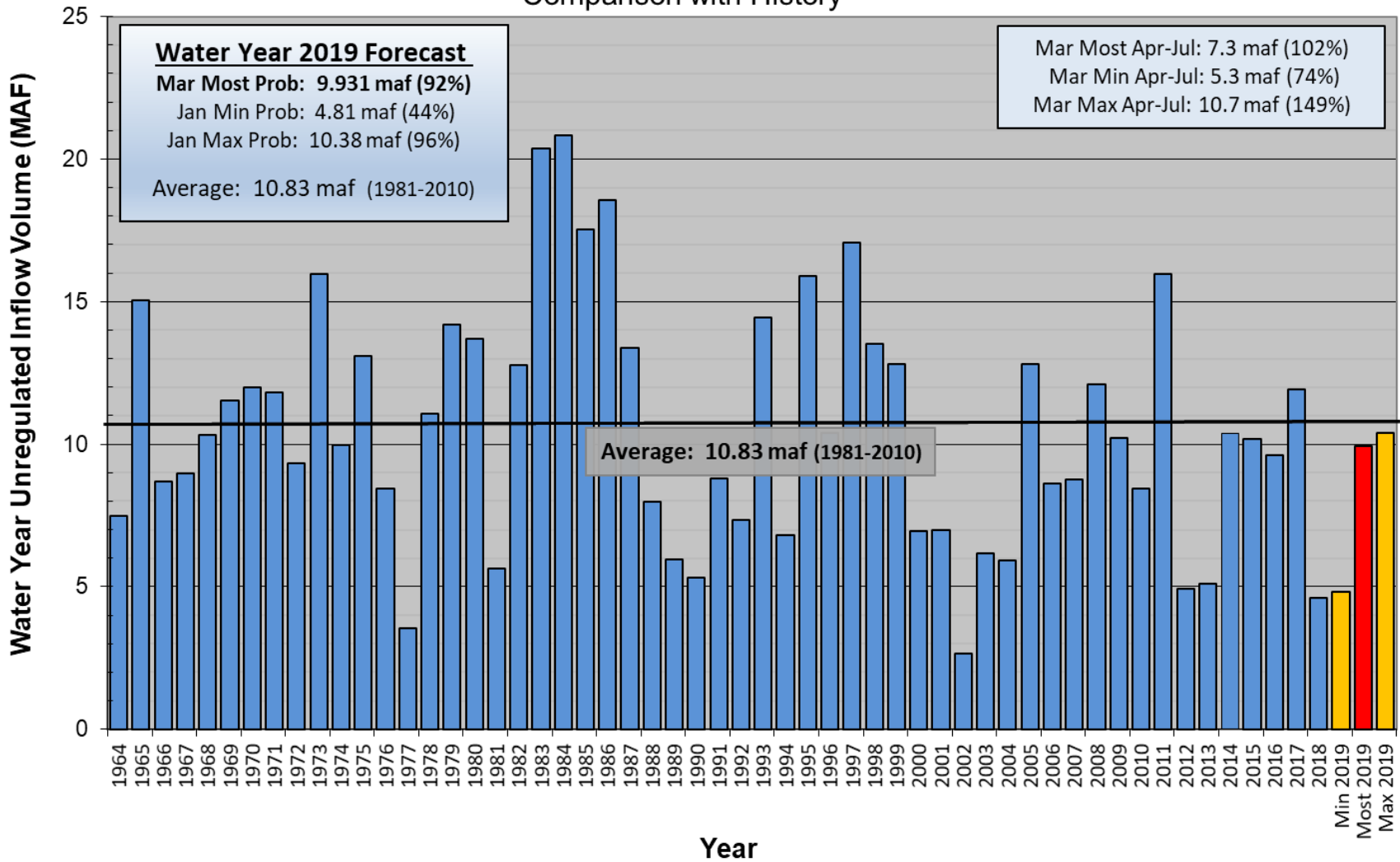
**March 28, 2019**

**CRFS Powell Update**

# Lake Powell Unregulated Inflow

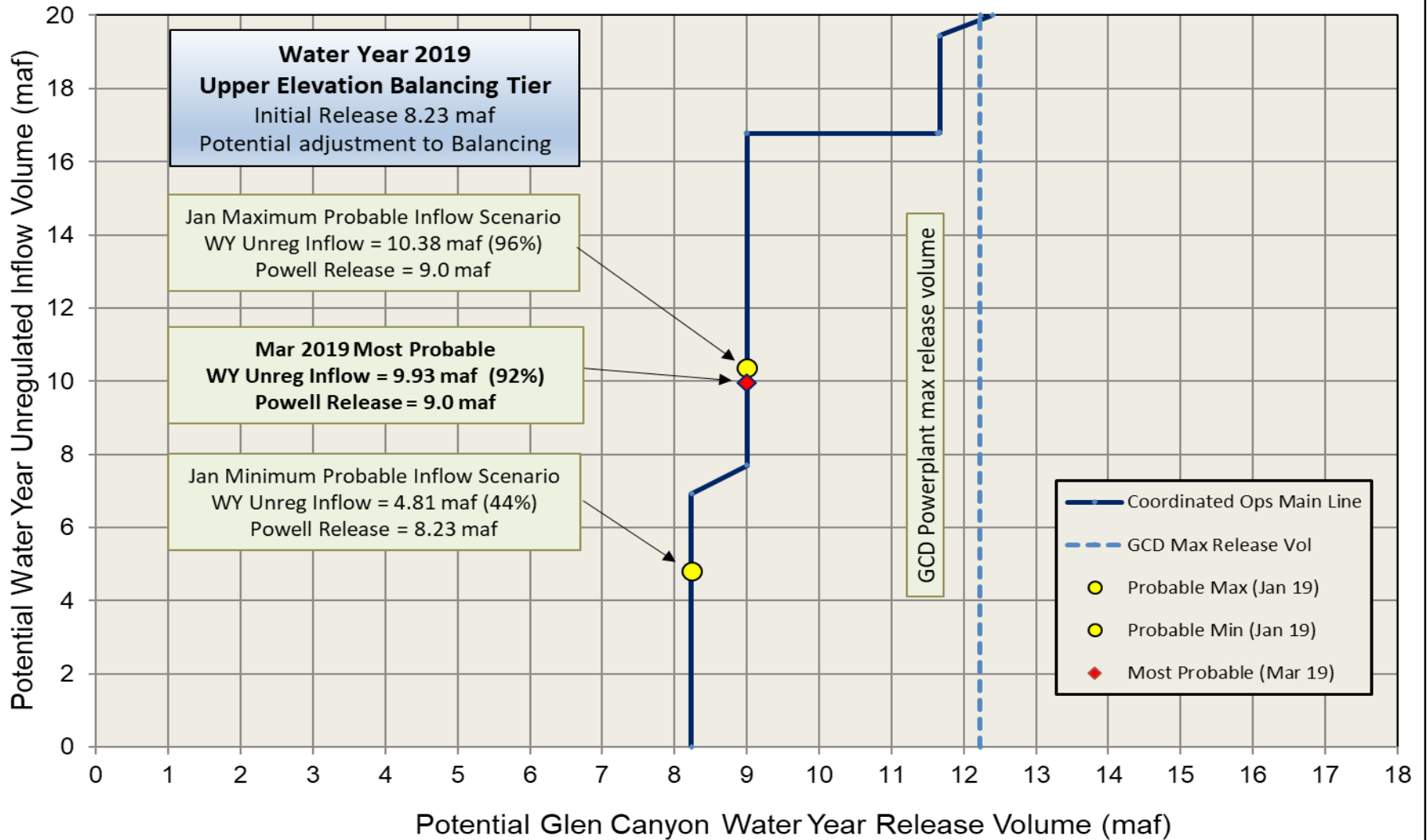
## Water Year 2019 Forecast *(issued March 1)*

### Comparison with History



# Potential Lake Powell Release Scenarios

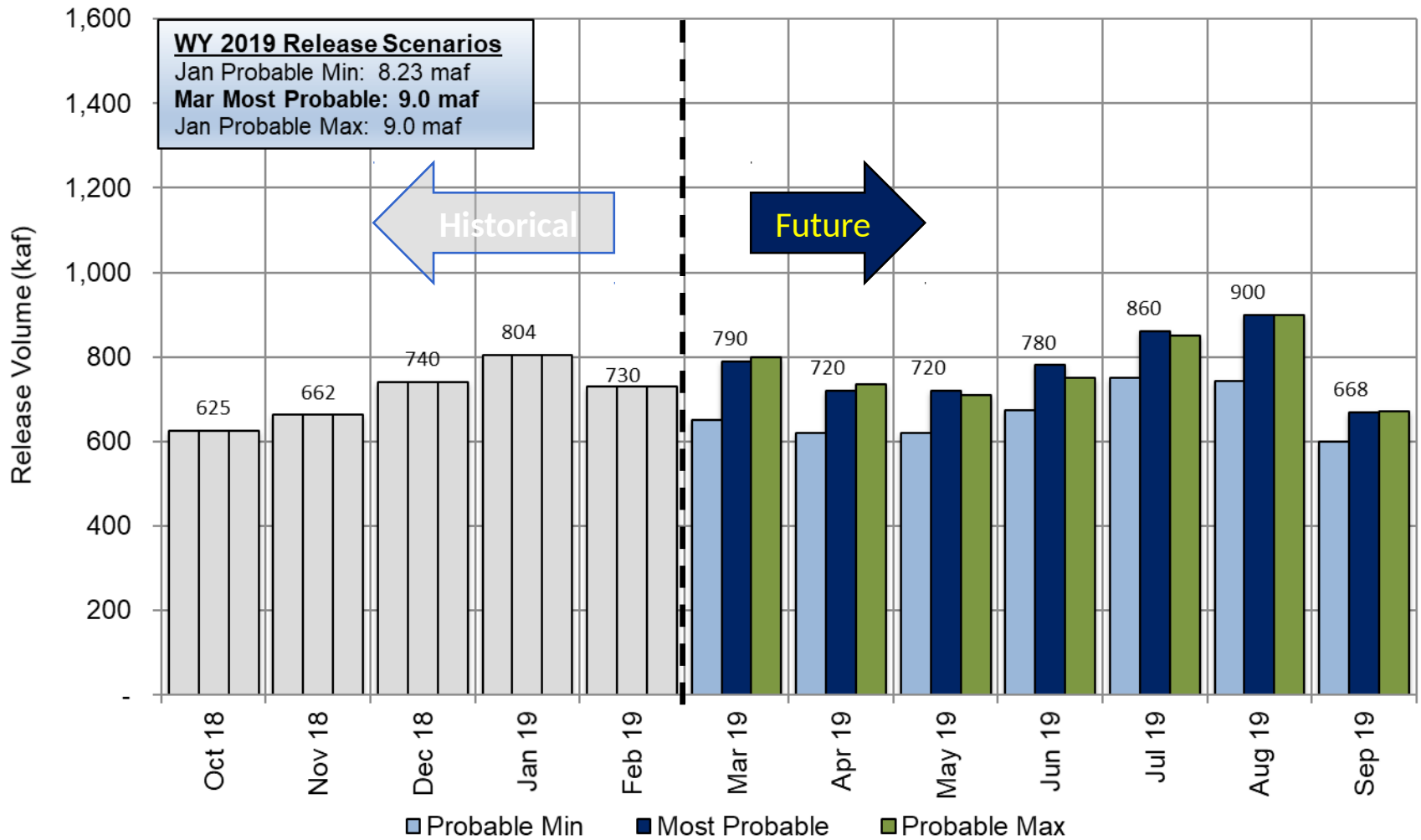
Water Year 2019 Release Volume as a Function of Unregulated Inflow Volume  
based on March 2019 24-Month Study Conditions



# Projected Lake Powell Monthly Release Volume Distribution

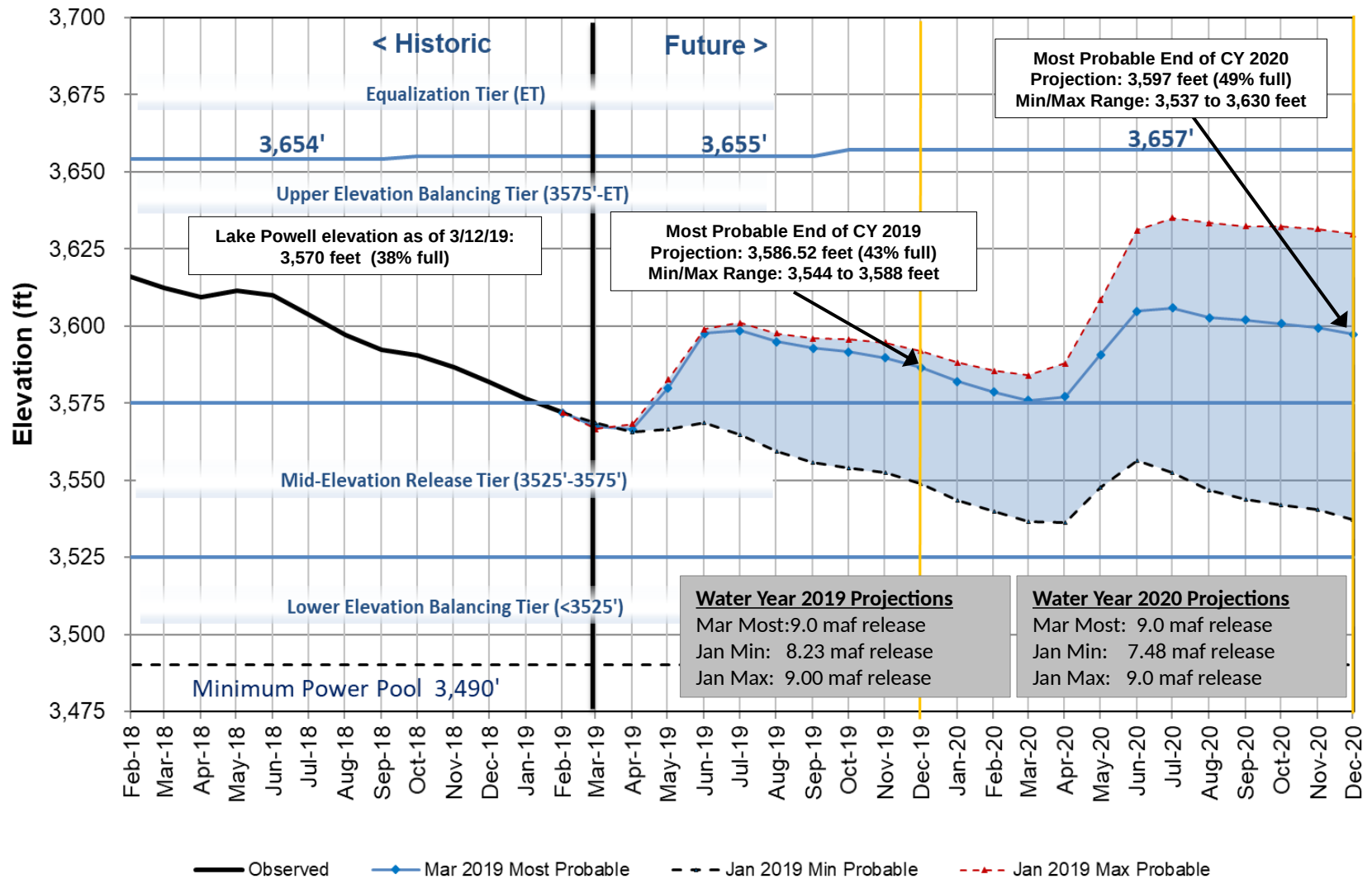
Release Scenarios for Water Year 2019

Based on March 2019 modeling



# Lake Powell End of Month Elevations

## Historic and Projected based on March 2019 Modeling



## Glen Canyon Power Plant Planned Unit Outage Schedule for Water Year 2019

Unit Number	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	
1													
2													
3													
4													
5													
6													
7													
8													
Units Available	5	7	6	6	6	6	5	4	5/7	7	8	6	
Capacity (cfs)	16,000	19,700	19,400	19,300	15,700	15,700	15,700	12,200	22,800	22,800	26,400	19,200	
Capacity (kaf/month)	1,050	1,300	1,190	1,190	1,070	1,200	920	800	1,160	1,400	1,610	1,190	
Max (kaf) <sup>1</sup>	625	662	740	806	750	800	736	710	750	850	900	670	
Most (kaf) <sup>2</sup>	625	662	740	804	735	790	690	690	765	860	900	648	
Min (kaf) <sup>1</sup>	640	662	740	806	740	650	620	620	674	750	742	600	

9.0  
8.91  
8.23

1 Projected release, based on Jan 2019 Min and Max Probable Inflow (updated 2-19-2019) Projections and 24-Month Study model runs

6 2 Projected release, based on Feb 2019 Most Probable Inflow Projections and 24-Month model runs

## Glen Canyon Power Plant Planned Unit Outage Schedule for Water Year 2020

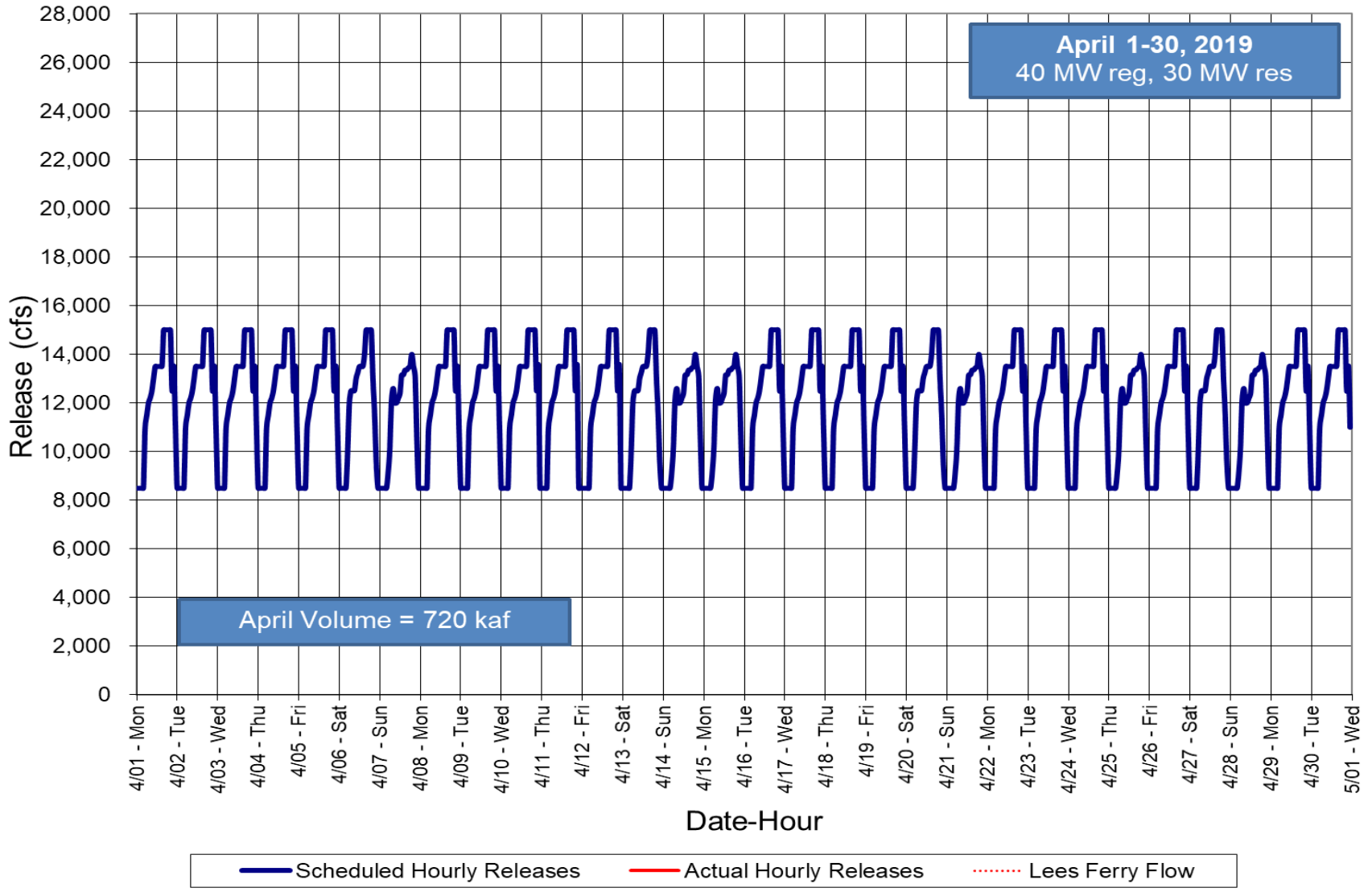
Unit Number	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020
1												
2												
3												
4												
5												
6												
7												
8												
Units Available	6	8/6	6	6	6	6	6	6	8	8	8	6
Capacity (cfs)	19,300	19,400	19,400	19,400	19,200	19,200	19,200	19,200	26,400	26,400	26,400	19,300
Capacity (kaf/month)	1,270	1,390	1,190	1,190	1,240	1,180	1,140	1,270	1,570	1,620	1,620	1,230
Max (kaf) <sup>1</sup>	640	640	720	860	750	800	710	710	750	850	900	670
Most (kaf) <sup>2</sup>	480	500	600	720	640	675	600	600	630	710	760	565
Min (kaf) <sup>1</sup>	480	500	600	720	640	675	600	600	630	710	760	565

9.0  
7.48  
7.48

1 Projected release, based on Jan 2019 Min and Max Probable Inflow (updated 2-19-2019) Projections and 24-Month Study model runs

2 Projected release, based on Feb 2019 Most Probable Inflow Projections and 24-Month Study model runs

# Glen Canyon Dam Hourly Release Pattern April 2019





# Glen Canyon Dam Hourly Release Pattern May 2019

