



— BUREAU OF —
RECLAMATION

Water Operations

Middle Snake Field Office

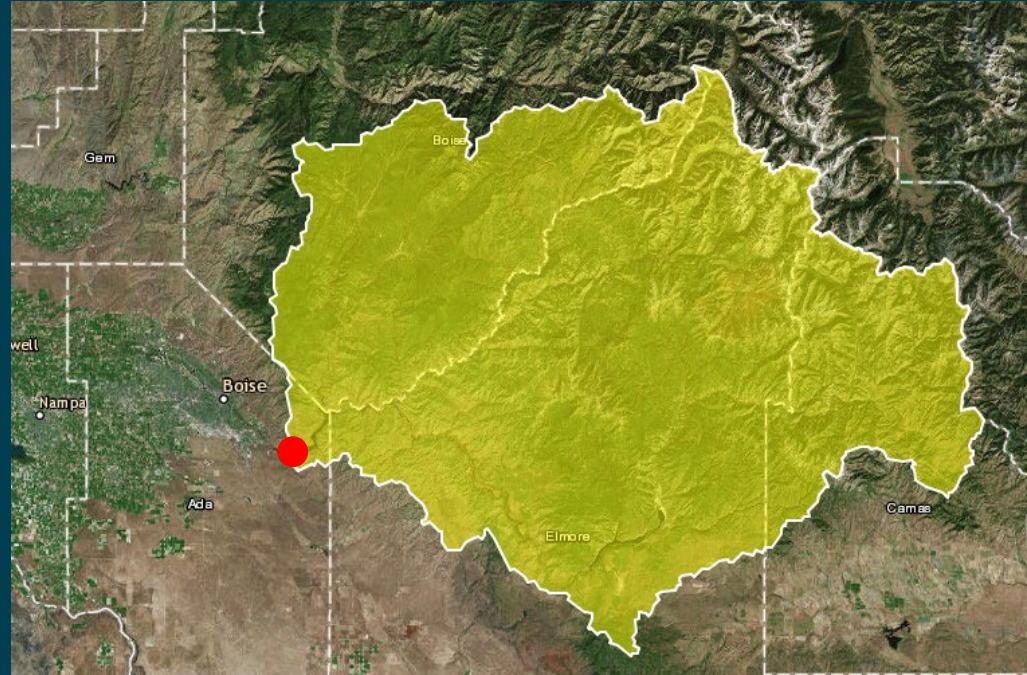
Ryan Hedrick
Water Operations Lead

Boise River abv Lucky Peak Basin Characteristics

Watershed Area: 2,680 sq. mi.

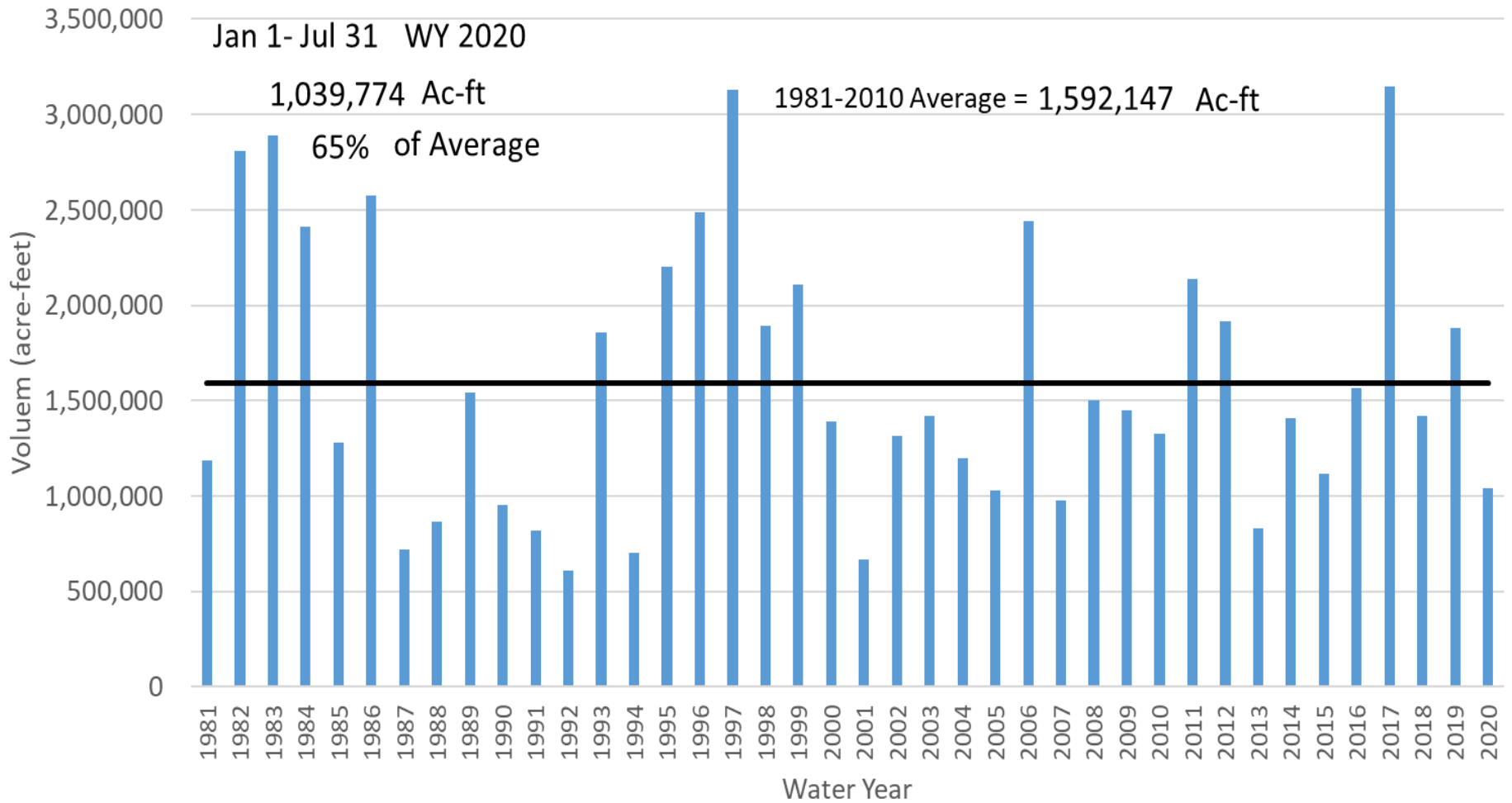
Watershed Elevation Range:
3,055 ft to 10,600 feet, mean of
5,990 ft

Annual Peak Flows (1900-2020):
Ranges from 3,020 cfs to 25,040
cfs, 2020 peaked at 8,415 cfs
compared to 17,392 cfs in 2019



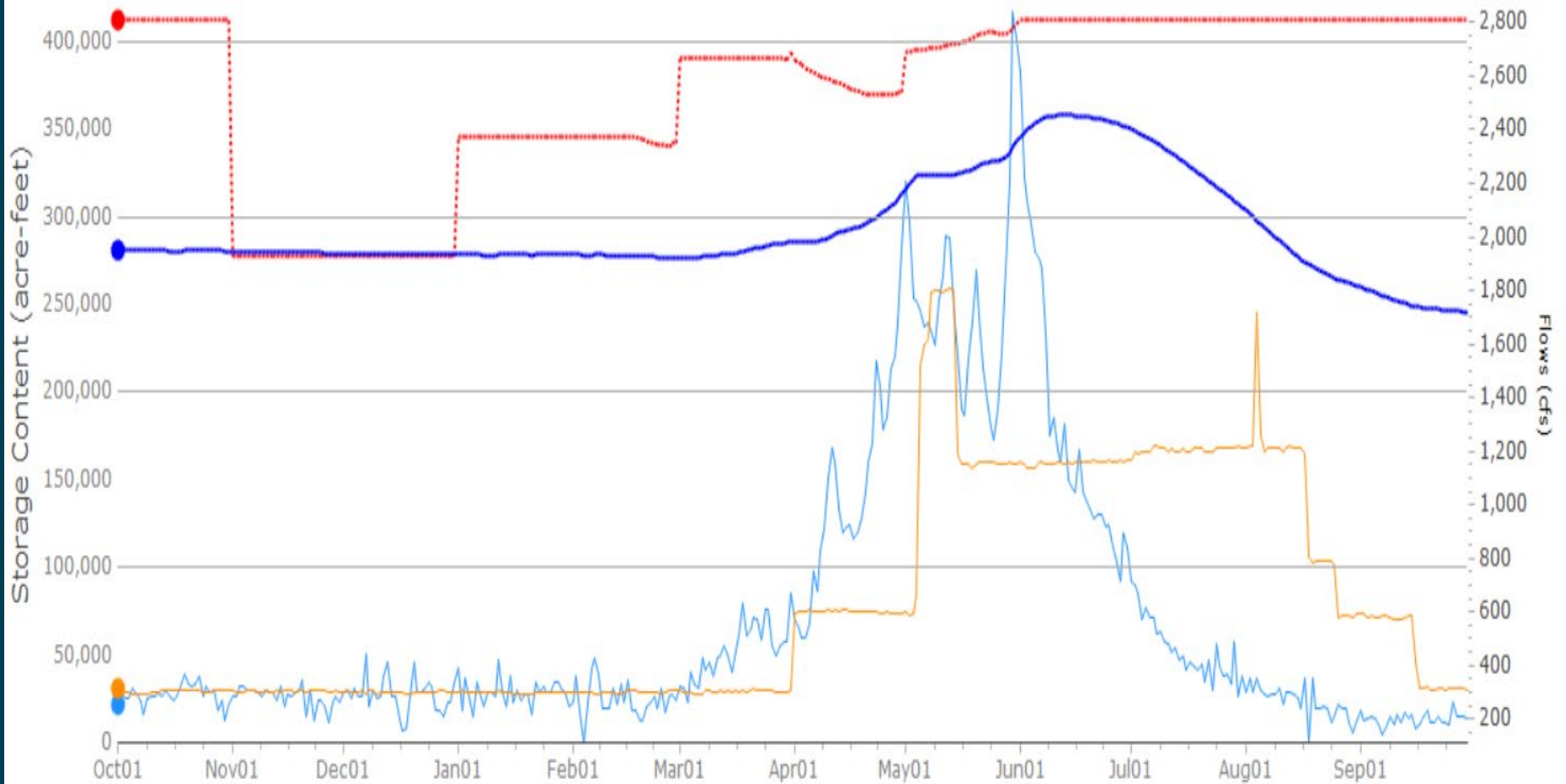
Boise River System Inflow

Jan 1- Jul 31



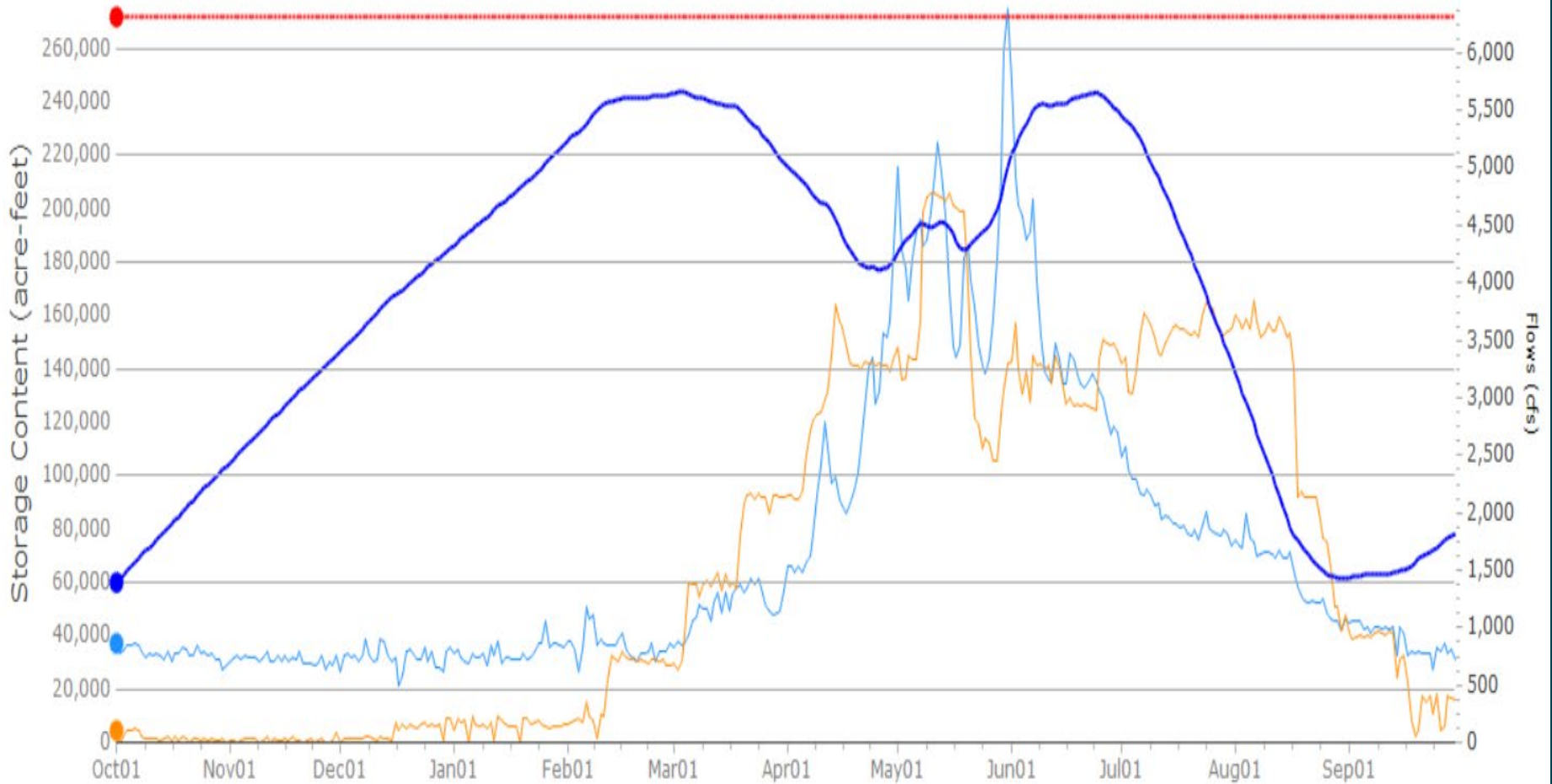
AND - Anderson

2020 ANDI QU 2020 ANDI QD 2020 Required 2020 Actual Storage



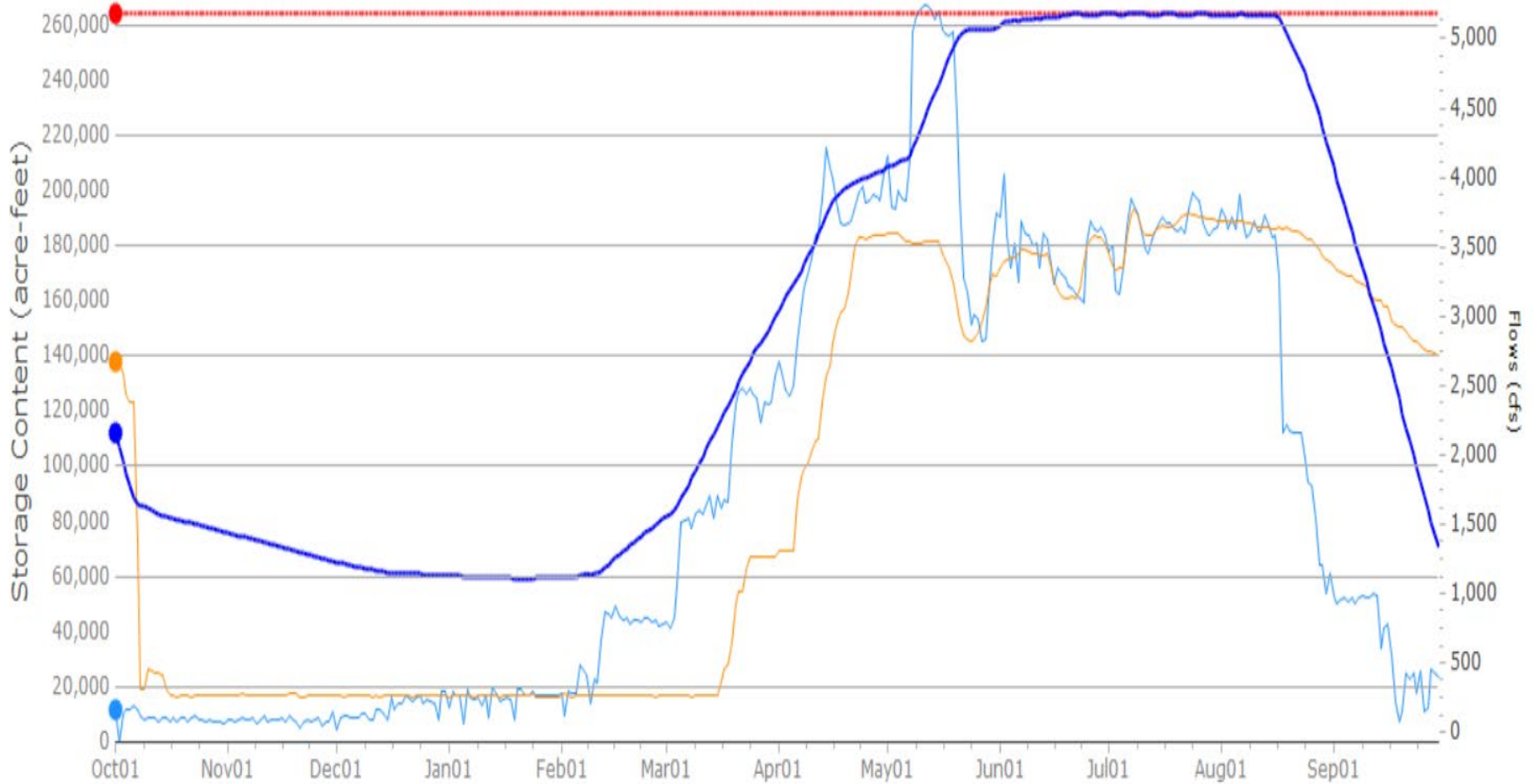
ARK - Arrowrock

2020 ARK ID 2020 ARKI QD 2020 Full Storage 2020 Actual Storage



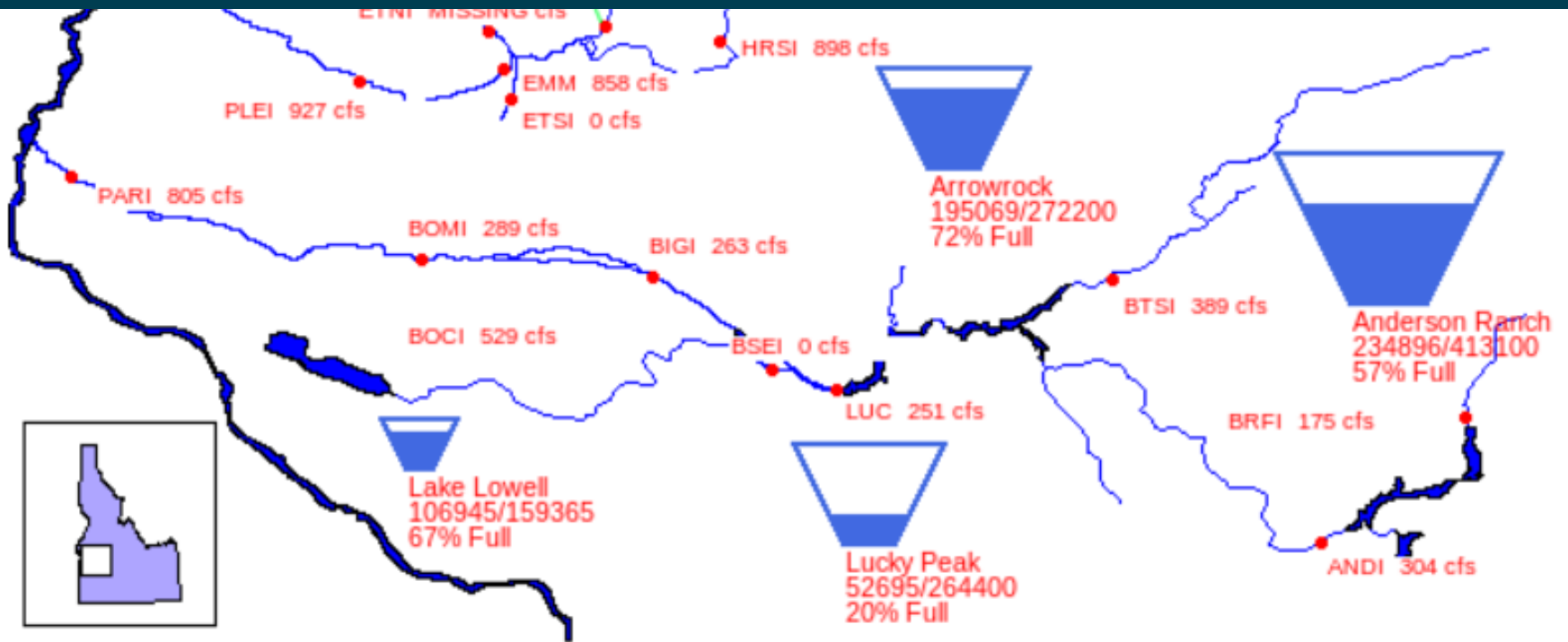
LUC - Lucky Peak

2020 LUC ID 2020 LUC QD 2020 Full Storage 2020 Actual Storage



WY2021 Current Conditions





PROVISIONAL DATA - Subject to change

Boise River system (Anderson Ranch, Arrowrock, Lucky Peak) is at **51 %** of capacity.

Total space available: 467040 AF

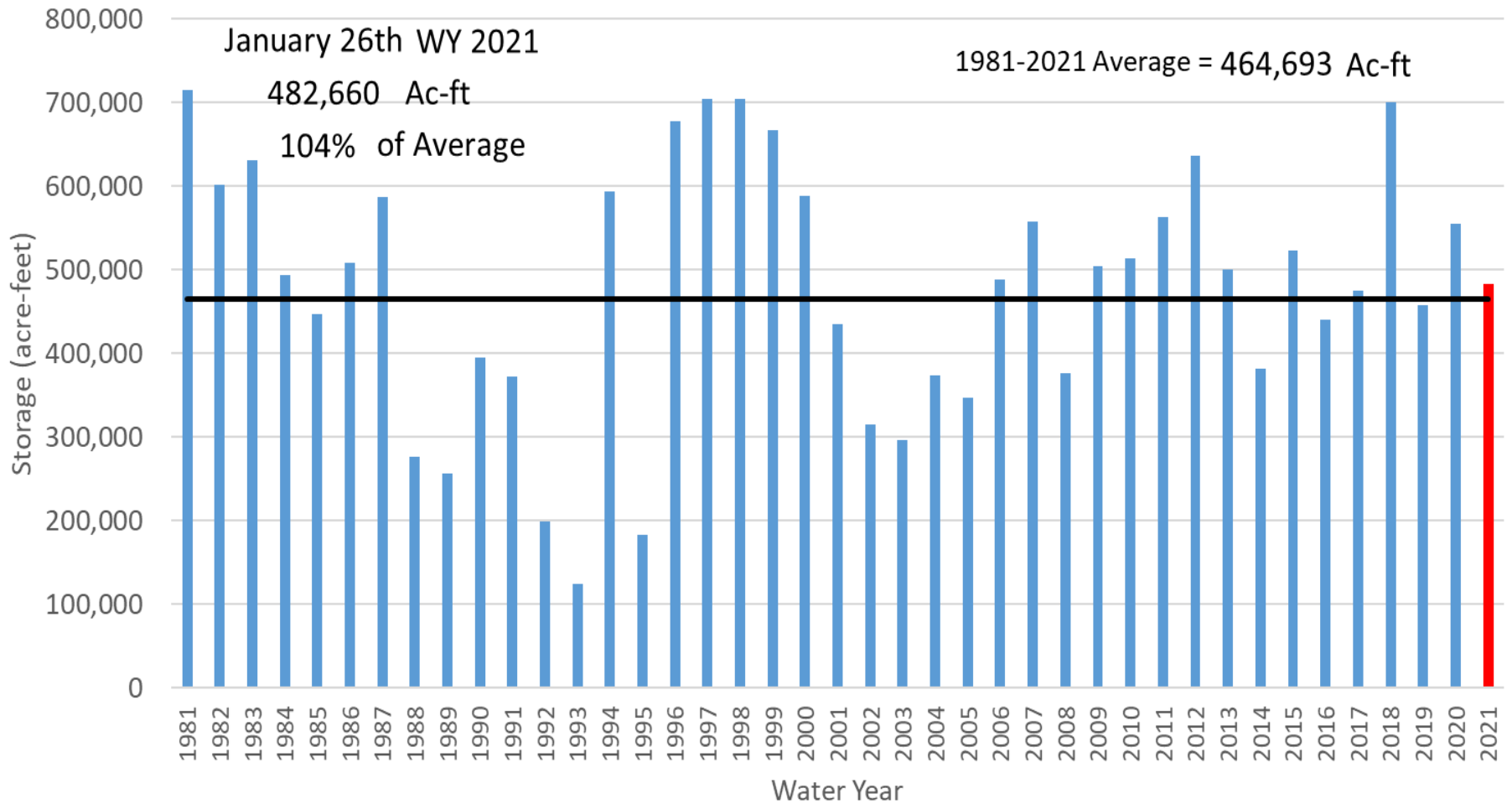
Total storage capacity: 949700 AF

Natural Flow: 764 CFS

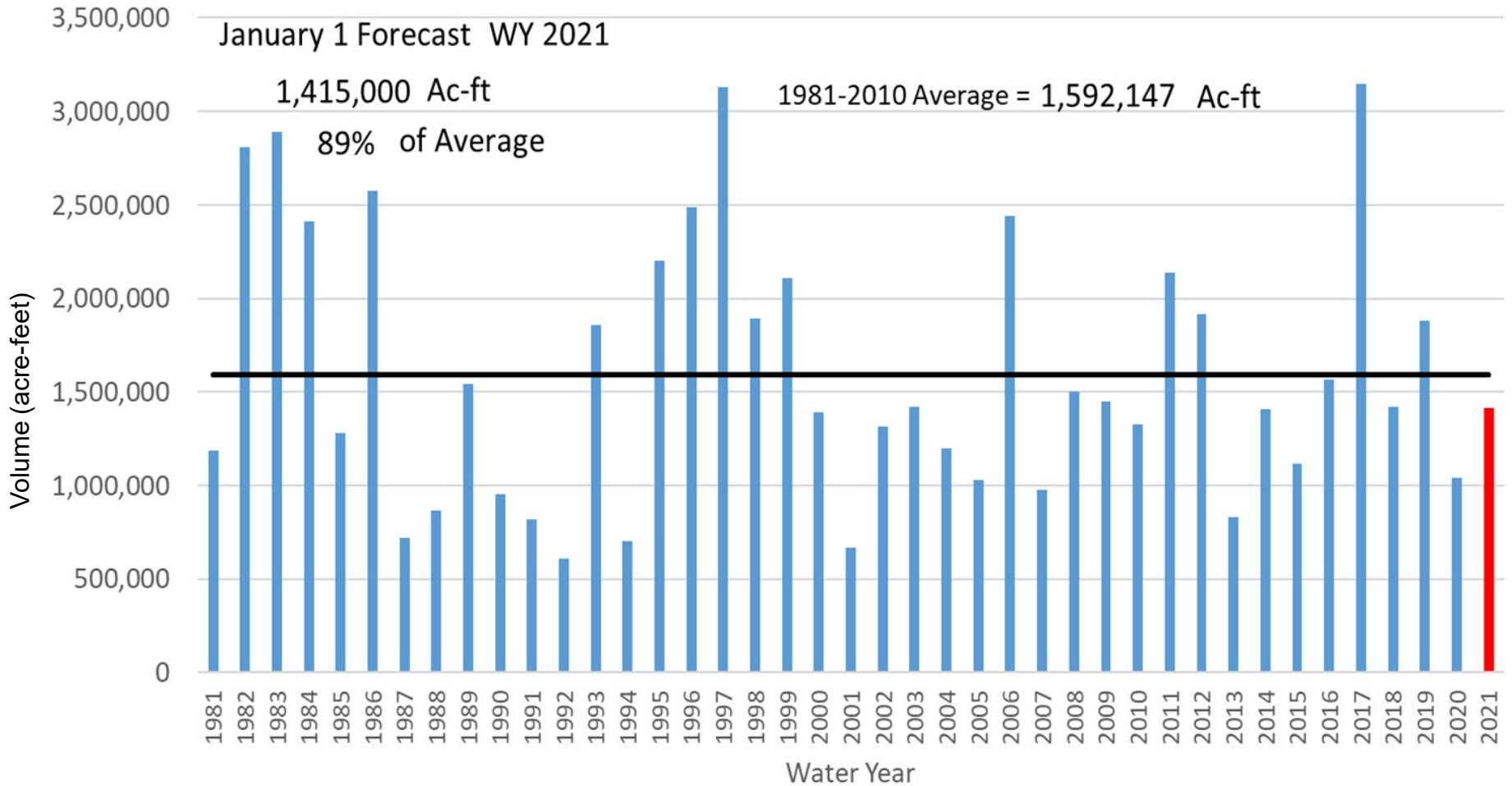


Boise Reservoir System Contents

January 26th



Boise River System Inflow January 1 Forecast

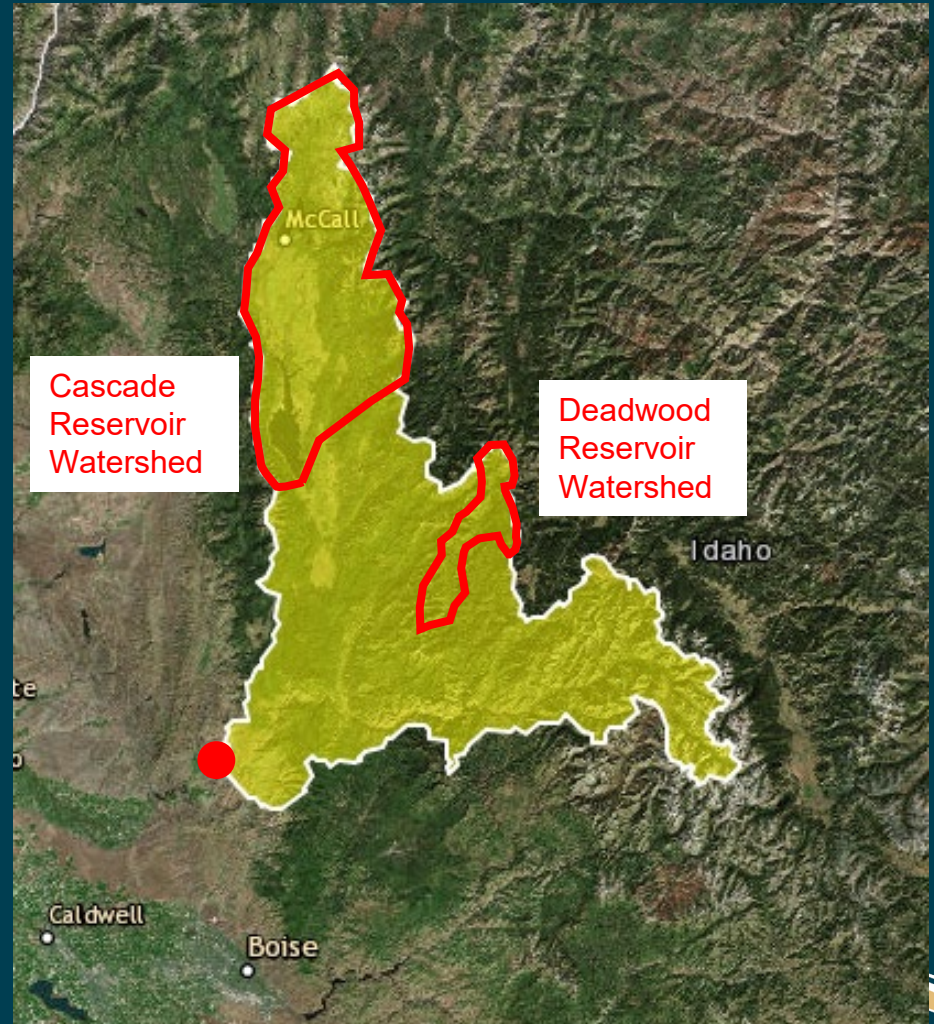


Payette Characteristics

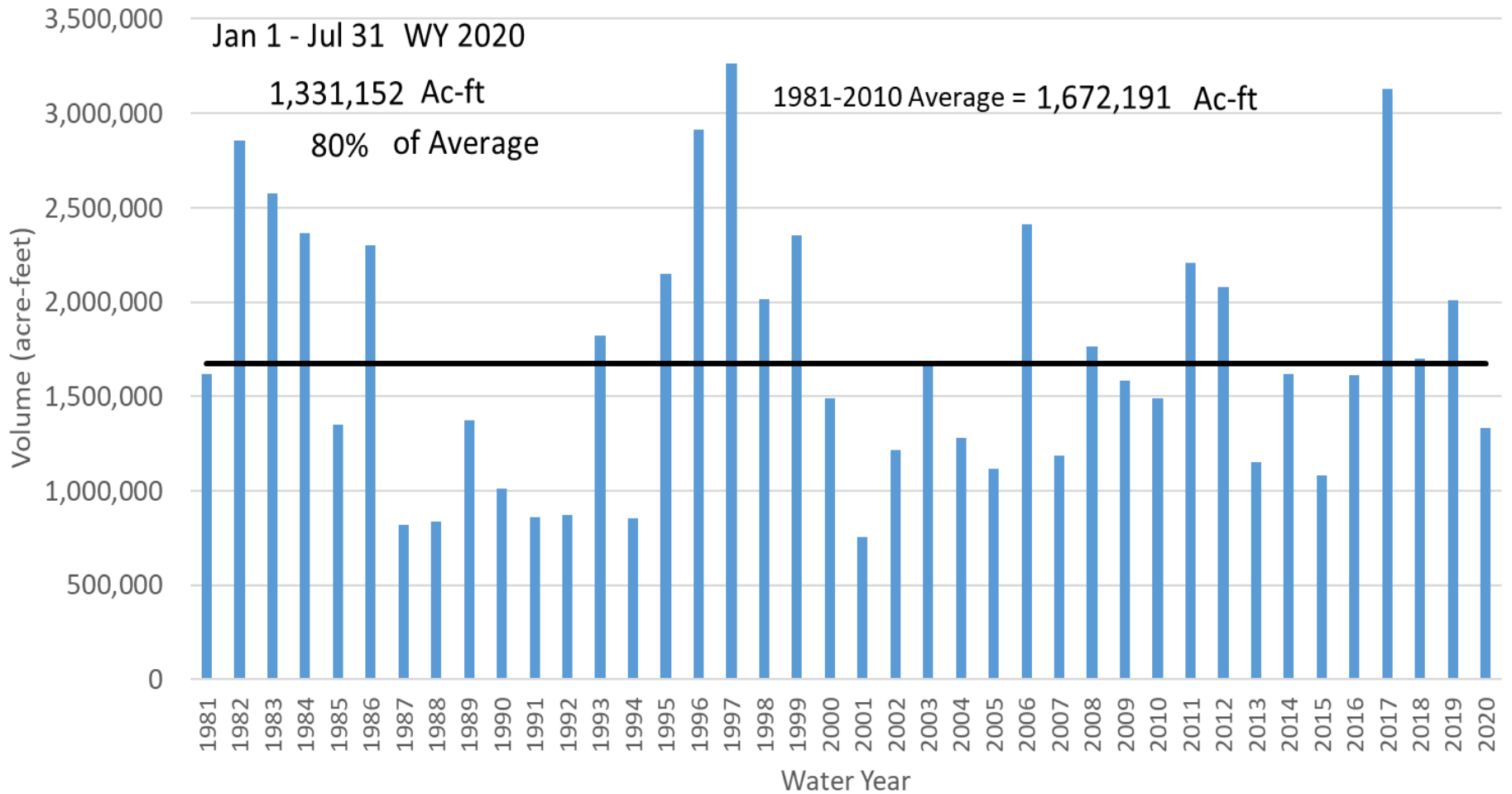
Watershed Area: 2,230 sq. mi.

Watershed Elevation Range:
2,300 ft to 10,700 ft, average
of 5,800 ft

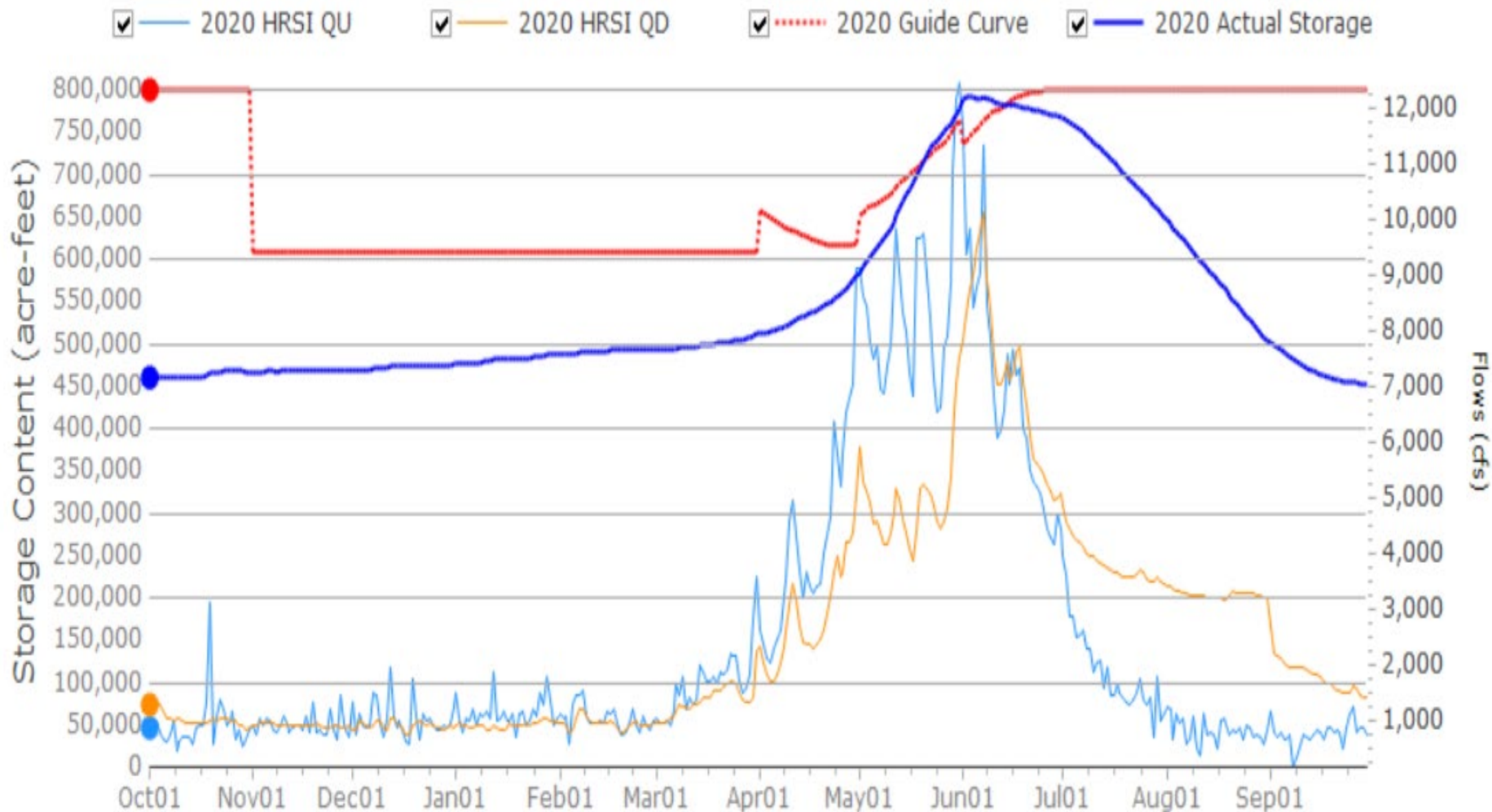
Annual Peak Flows (1920-
2020): Ranges from 3560 cfs
to 29,200 cfs, in 2020 it
peaked at 12,430 cfs
compared to 22,362 cfs in
2019



Payette System Inflow Jan 1 - Jul 31

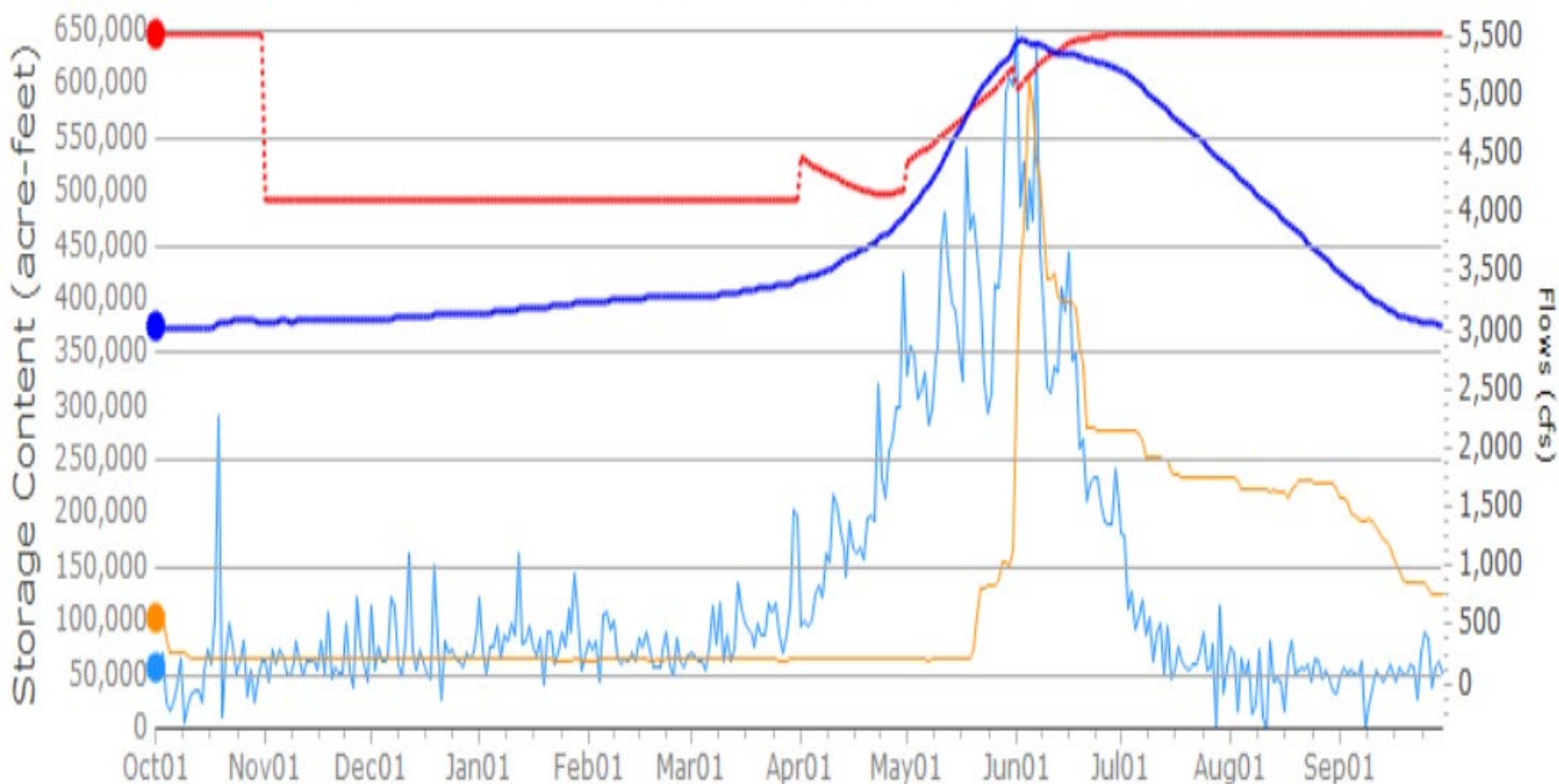


HRSI - Payette nr Horseshoe Bend

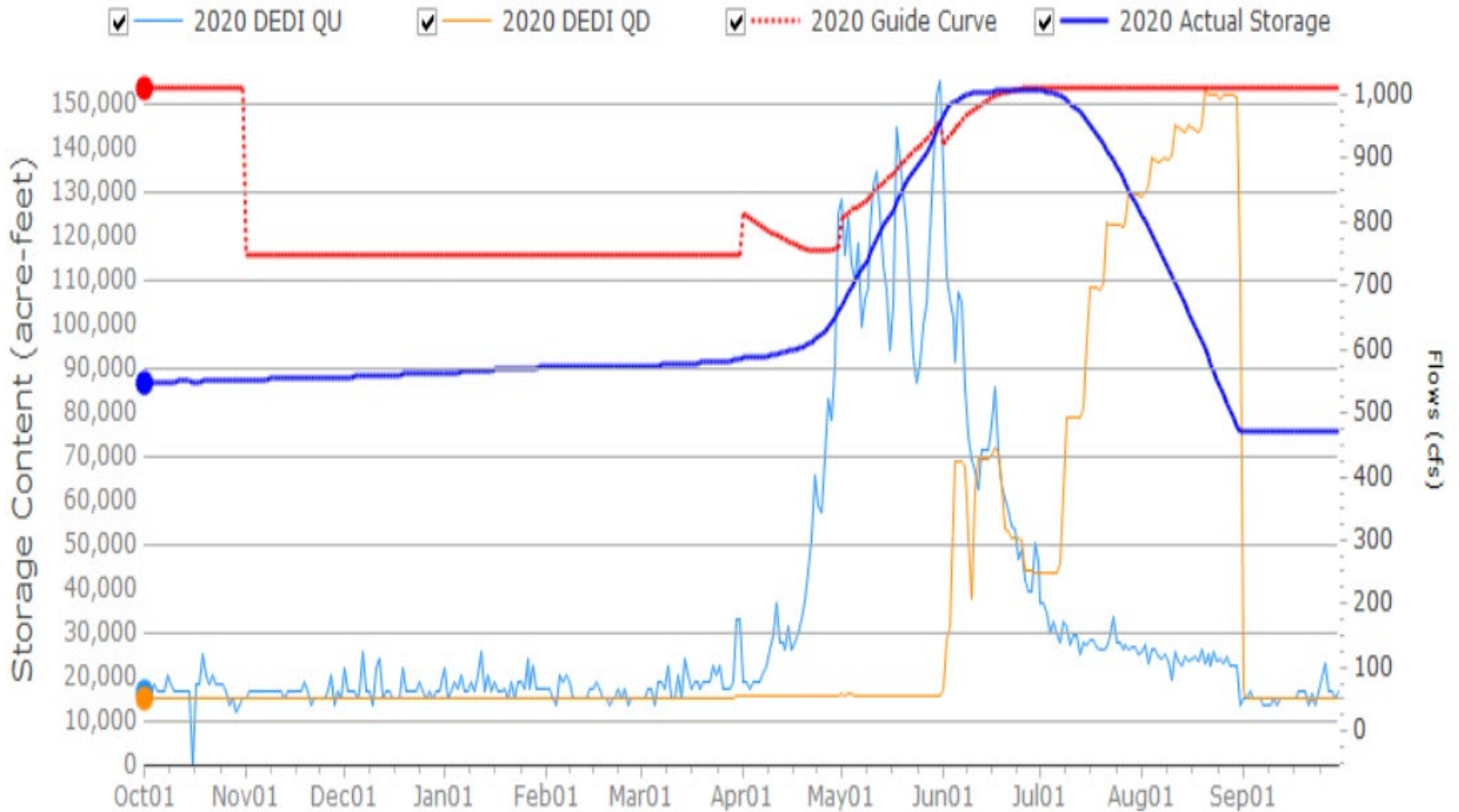


CSC - Cascade

2020 CSCI QU 2020 CSCI QD 2020 Guide Curve 2020 Actual Storage



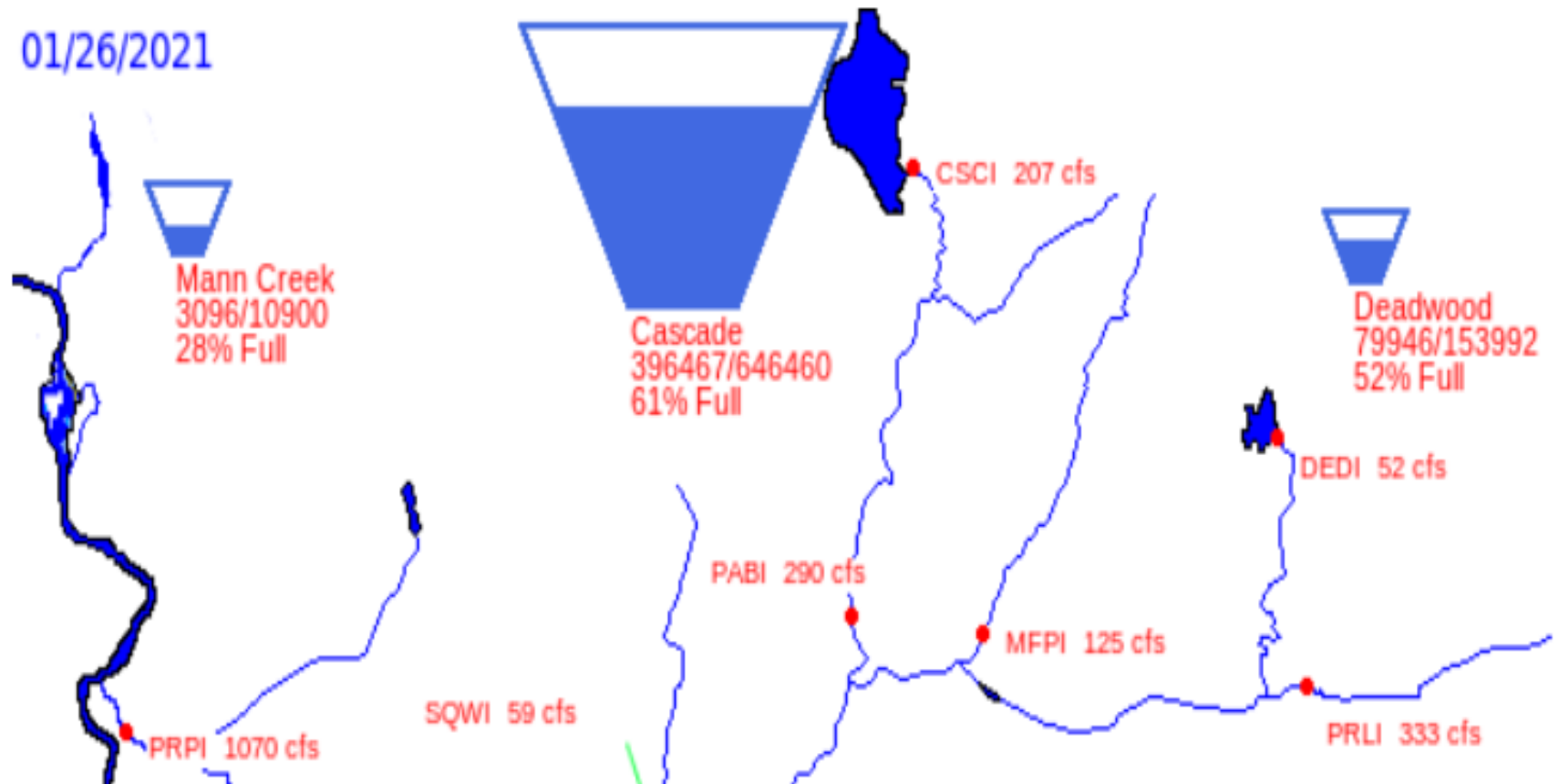
DED - Deadwood



WY2021 Current Conditions



01/26/2021



Payette River system (Cascade, Deadwood) is at 60% of capacity.

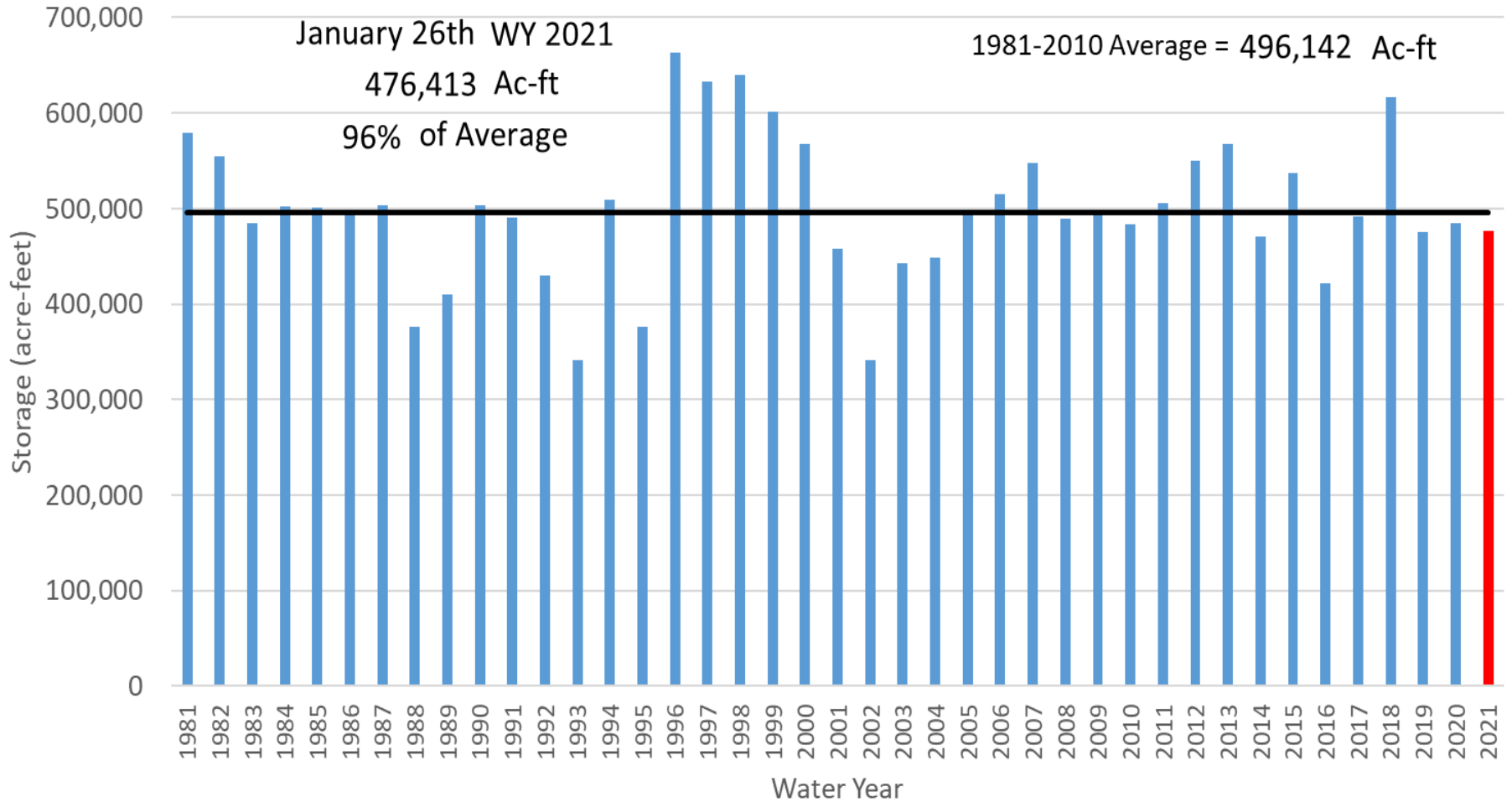
Total space available: 324039 AF

Total storage capacity: 800452 AF

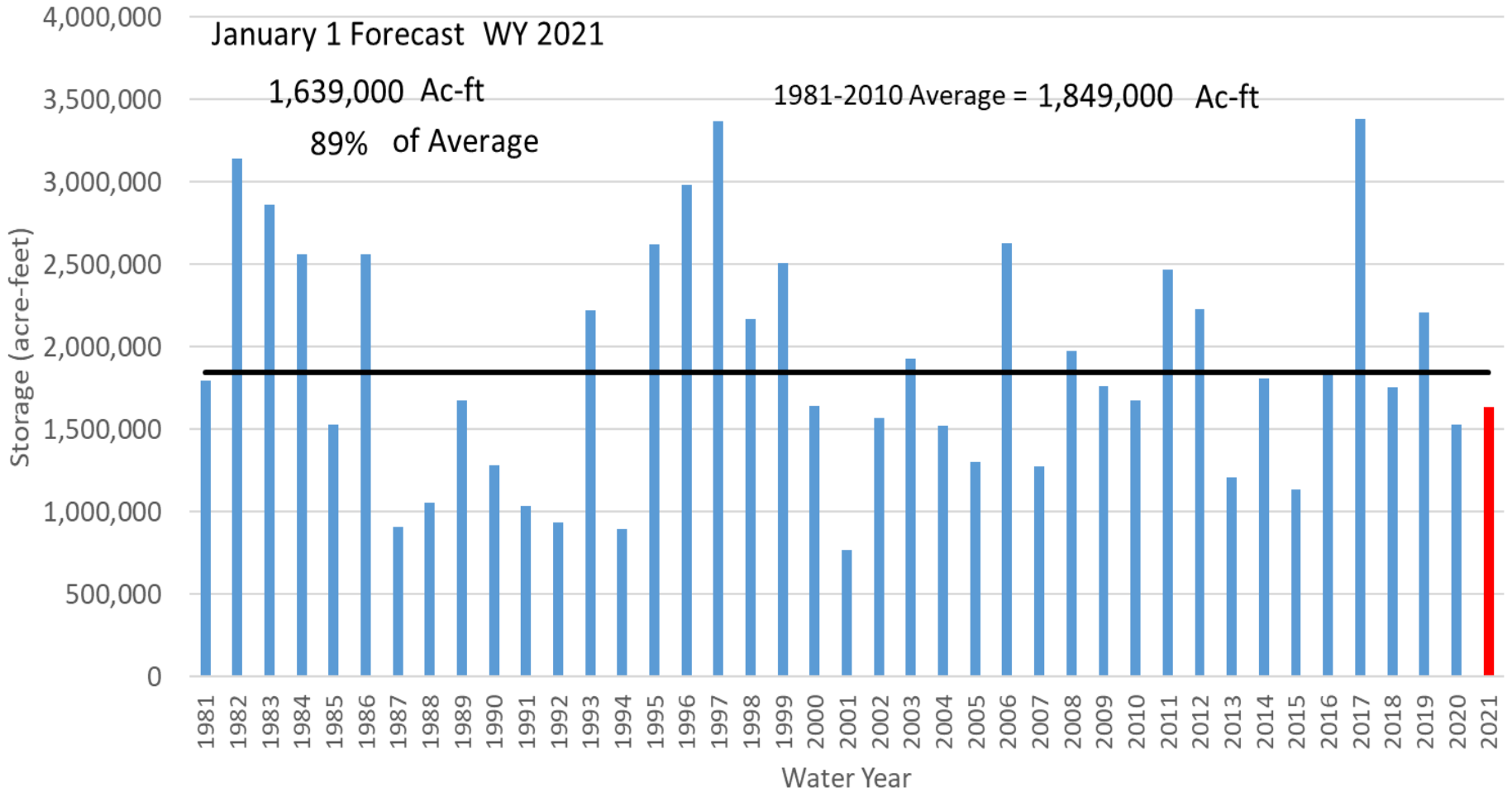
Natural Flow: 858 CFS



Payette System Contents January 26th



Payette System Inflow January 1 Forecast



Owyhee Reservoir Basin Characteristics

Watershed Area: 10,900 sq.
mi.

Watershed Elevation Range:
2,420 ft to 10,400 ft, mean of
5,160 ft

Annual Peak Flows: Ranges
from 780 cfs to 46,560 cfs,
2020 peaked at 2,364 cfs
compared to 6,228 cfs in 2019



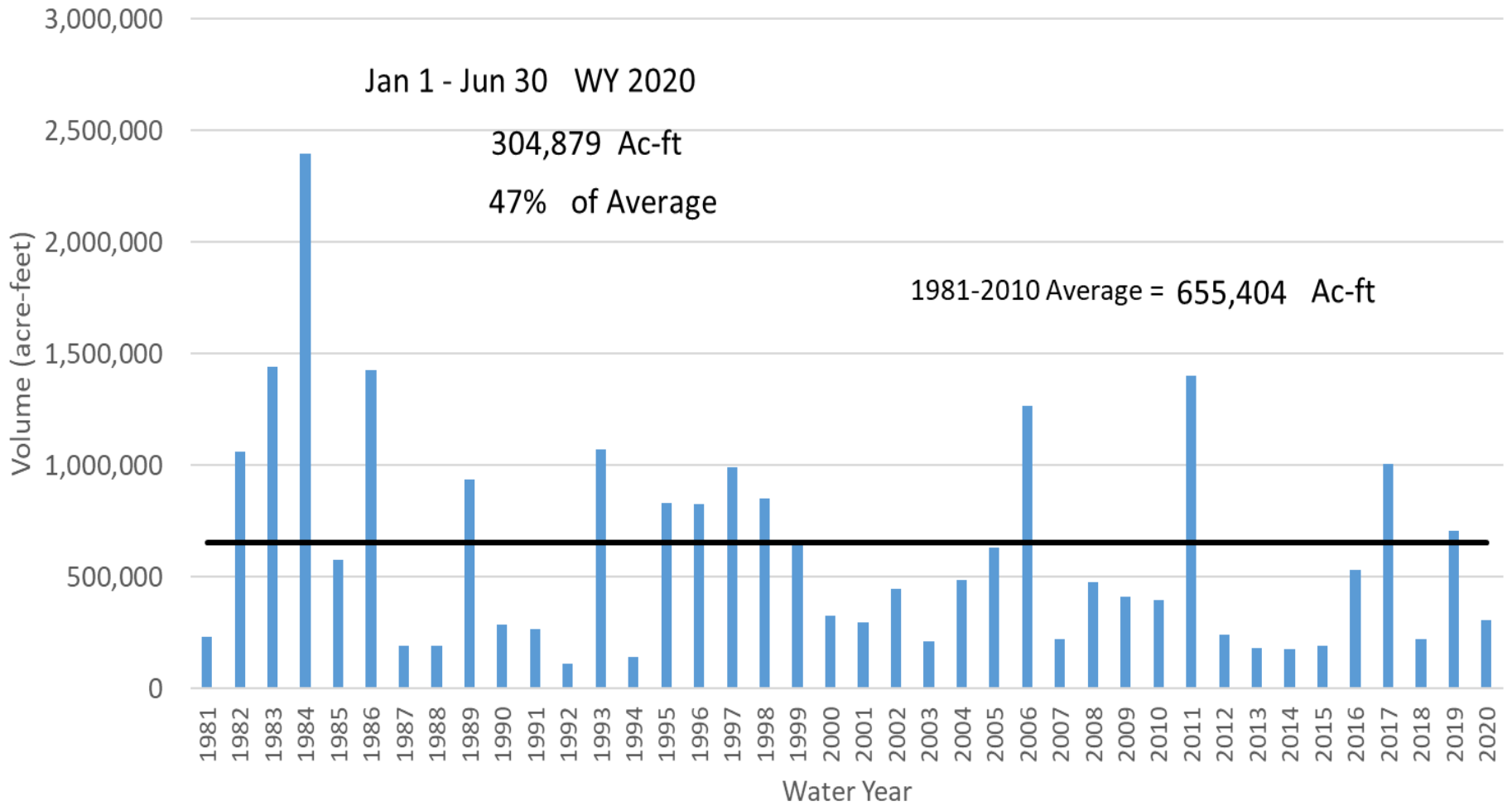
Owyhee Reservoir Inflow

Jan 1 - Jun 30

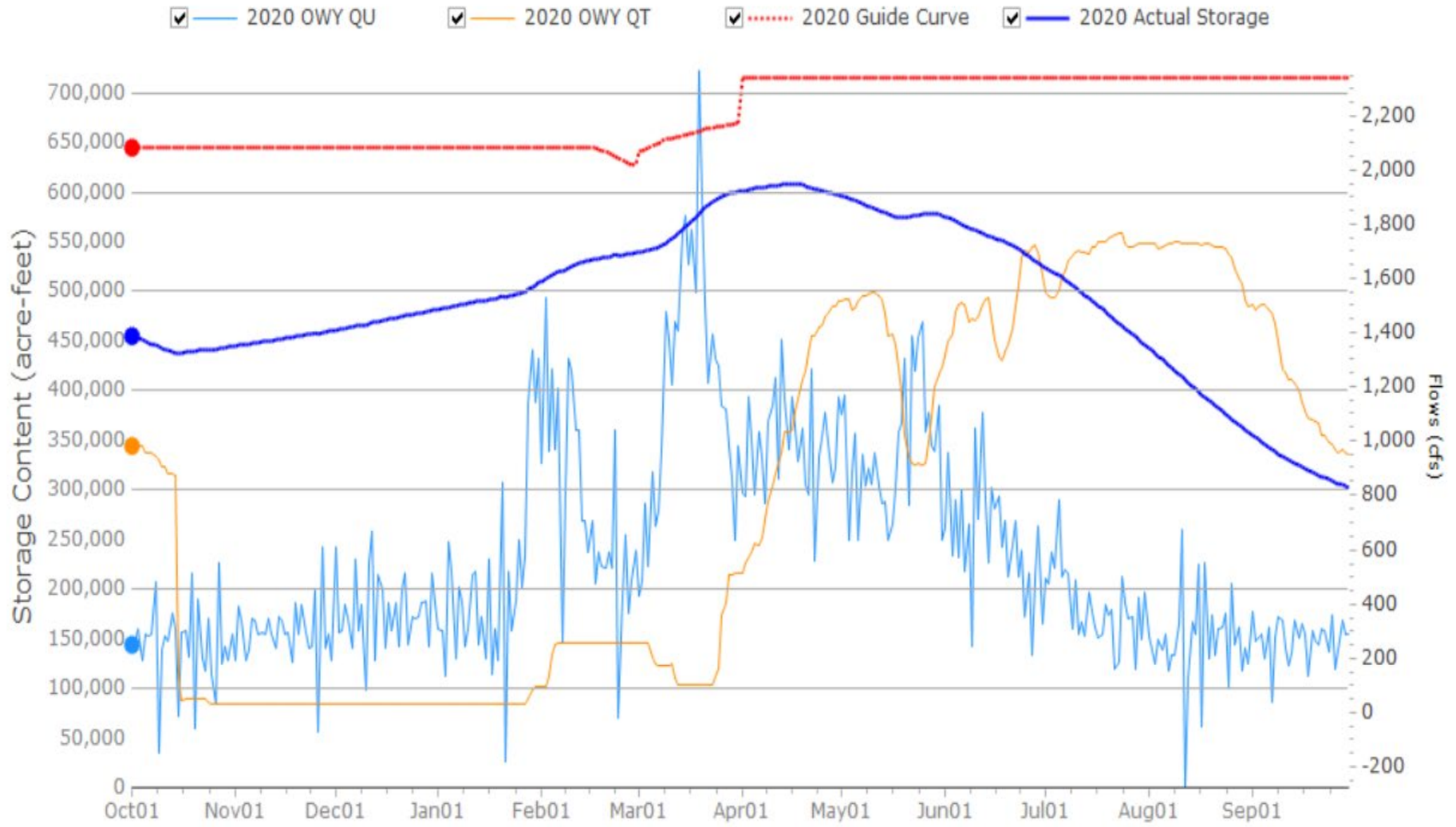
Jan 1 - Jun 30 WY 2020

304,879 Ac-ft
47% of Average

1981-2010 Average = 655,404 Ac-ft



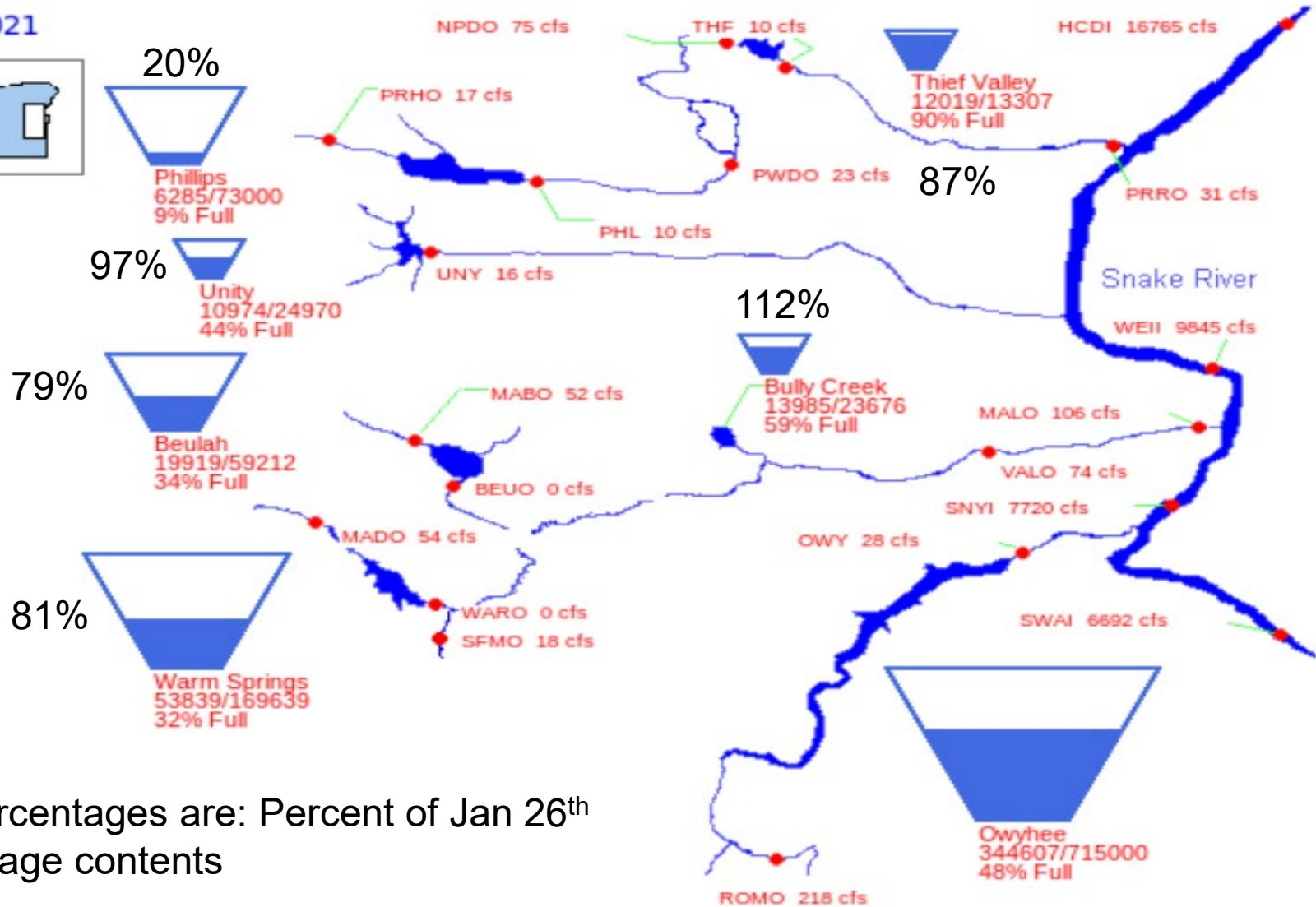
OWY - Owyhee



WY2021 Current Conditions



01/26/2021

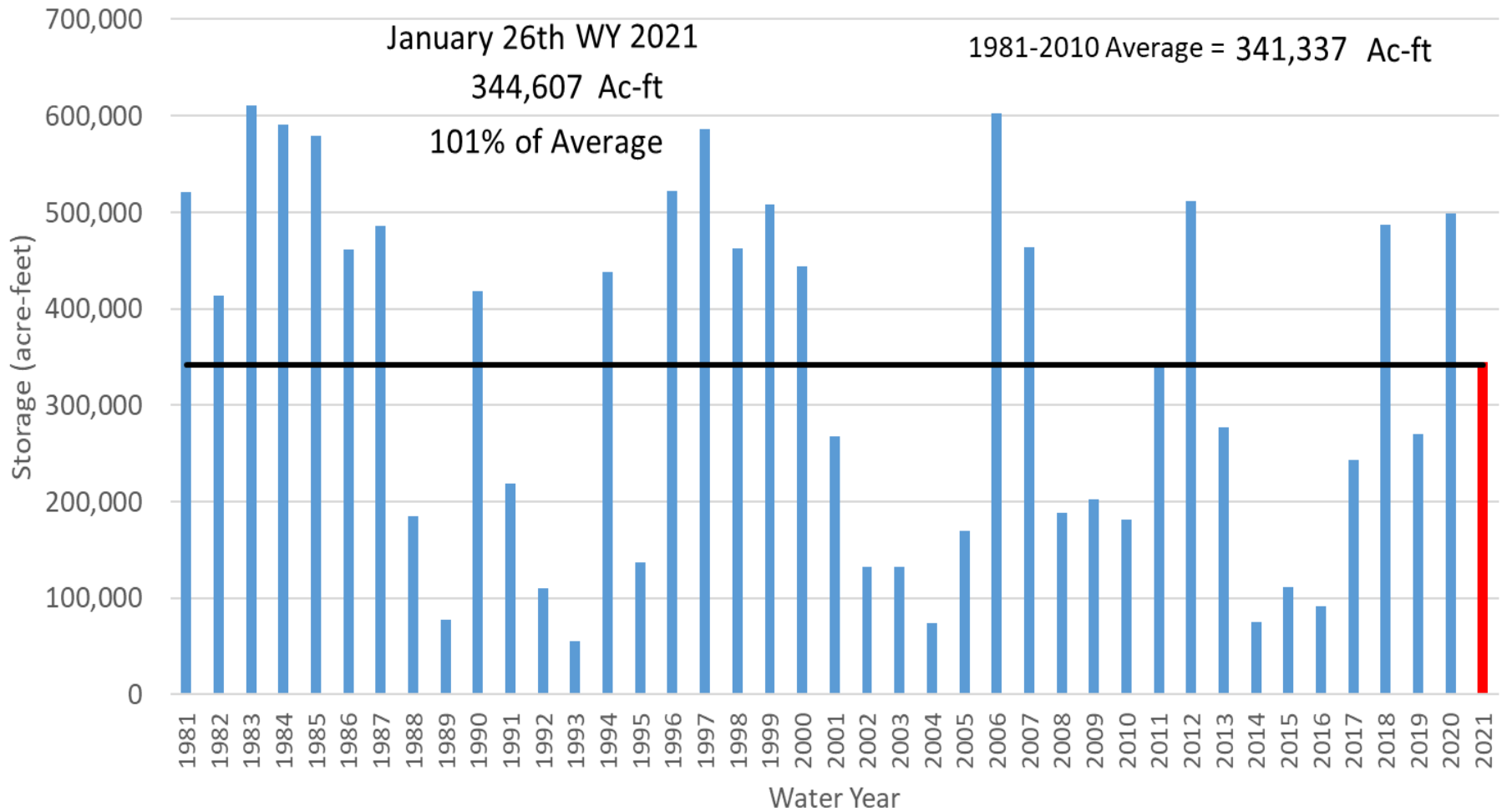


*Percentages are: Percent of Jan 26th storage contents



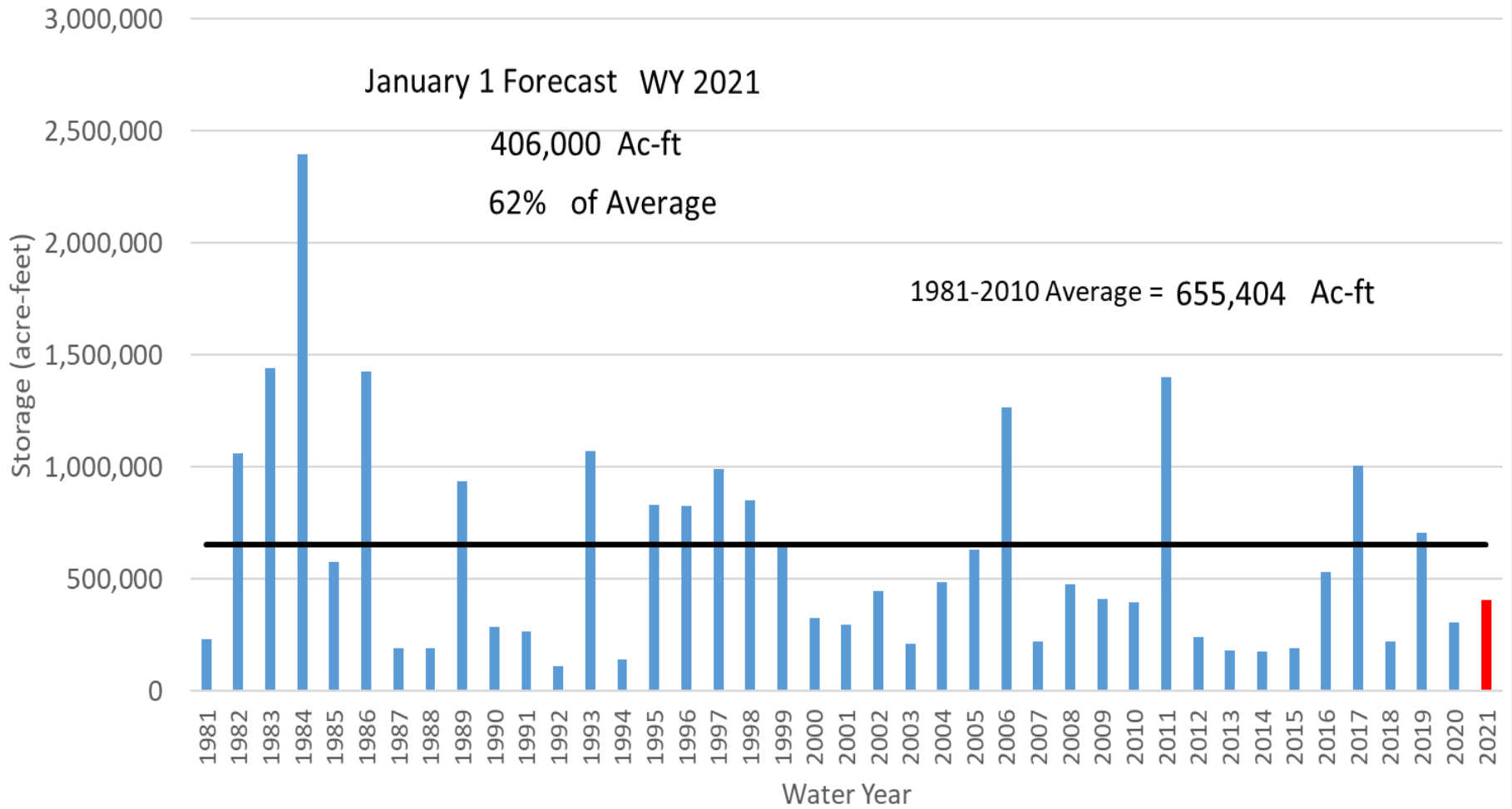
Owyhee Reservoir System Contents

January 26th



Owyhee Reservoir Inflow

January 1 Forecast





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