



ONE WATER, MANY WAYS TO SAVE

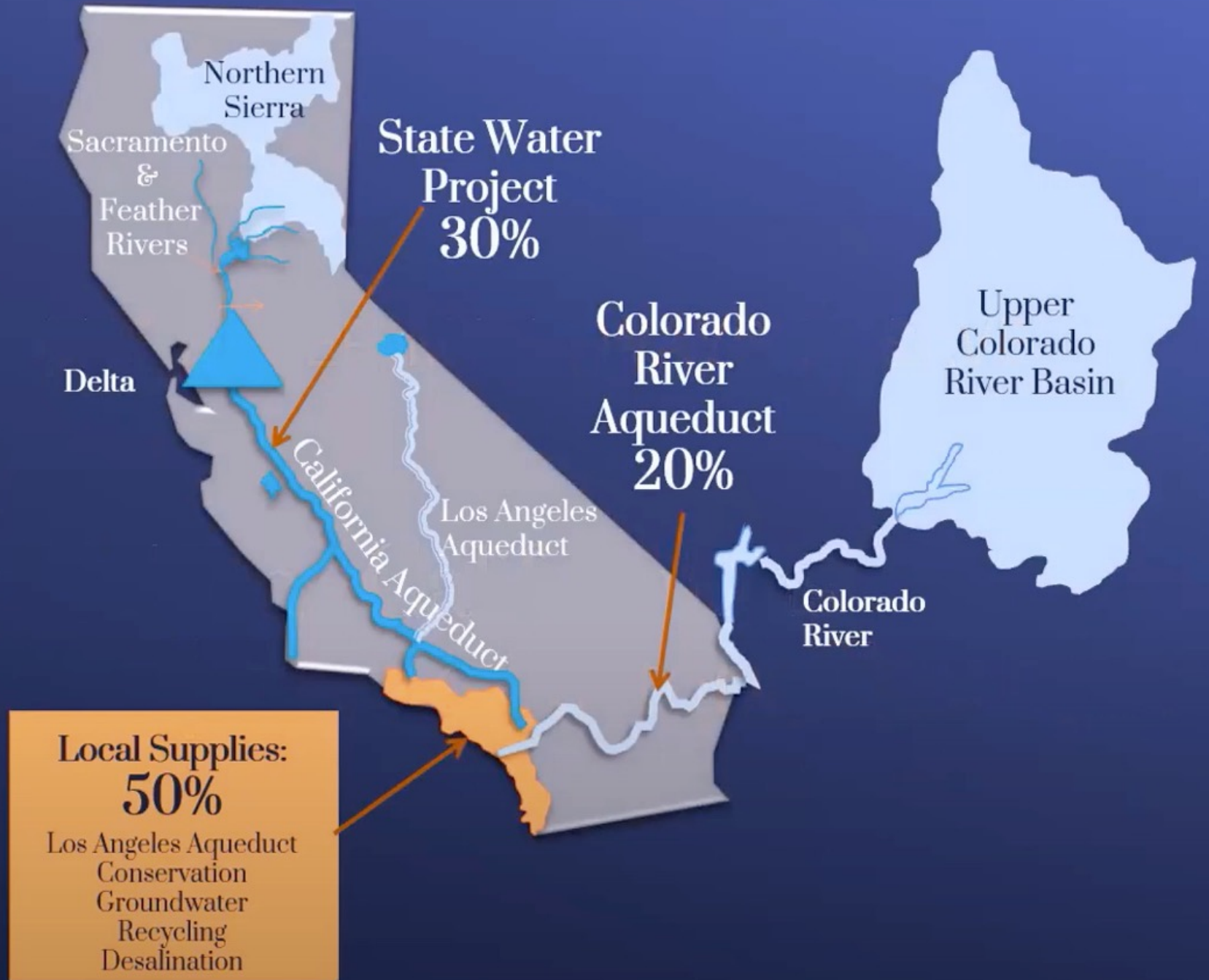
Helping Californians
Respond to **Historic Drought.**

Metropolitan Water District

Regional water wholesaler

19 million people
26 member agencies

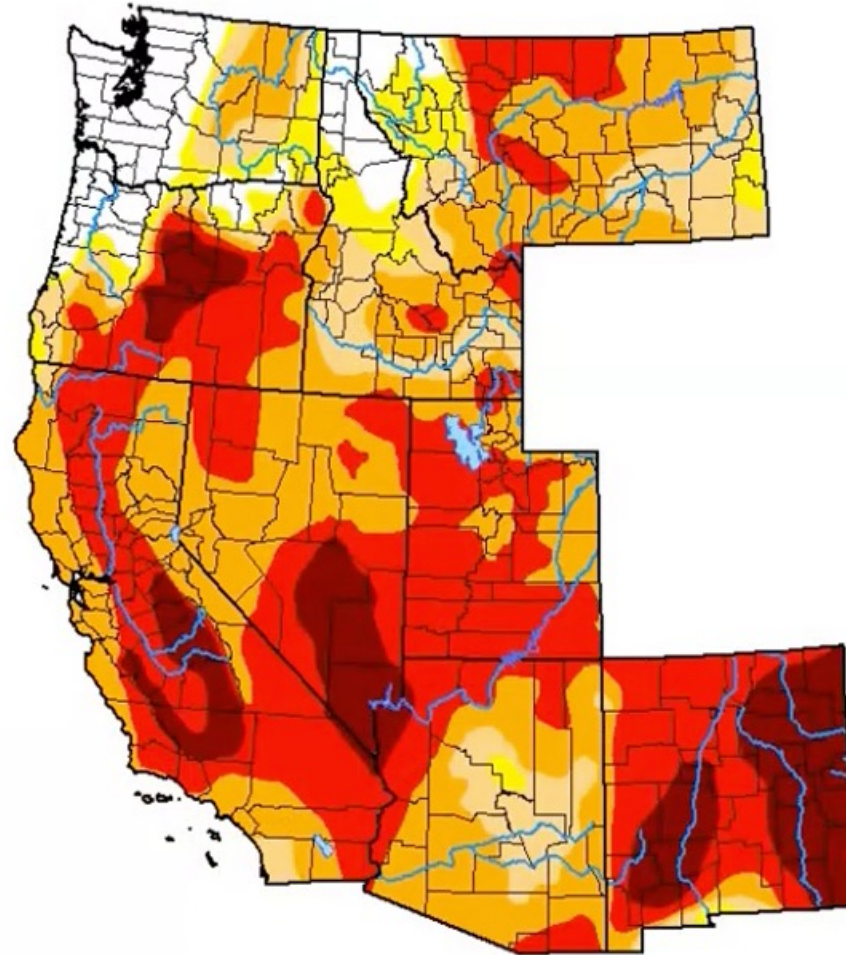
Six counties
5,200 square miles




U.S. Drought Monitor Monitor Western States.

U.S. Drought Monitor West

May 24, 2022
(Released Thursday, May. 26, 2022)
Valid 8 a.m. EDT



Intensity:

-  None
-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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NCEI/NOAA



droughtmonitor.unl.edu

Colorado River Basin

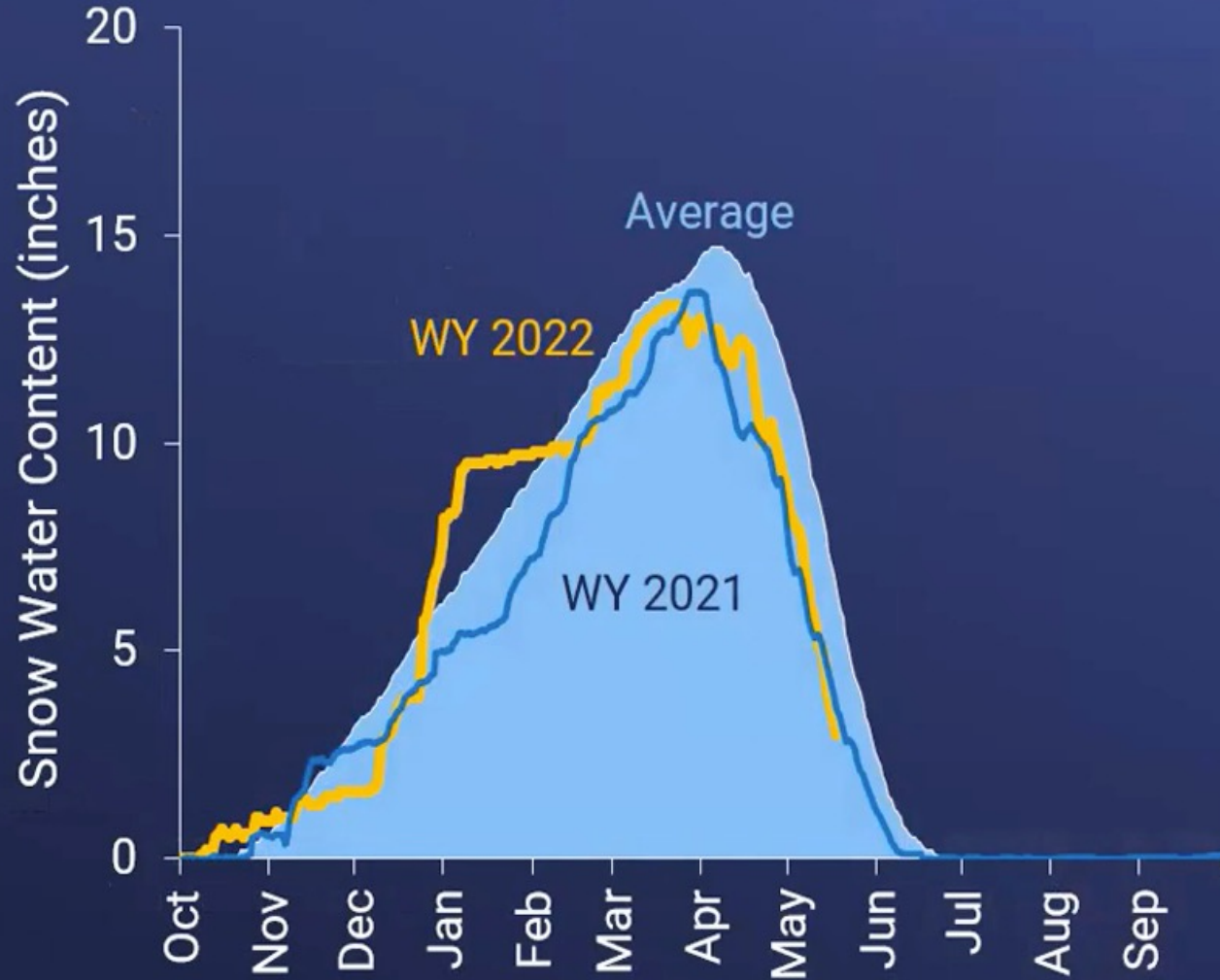
Upper and Lower Basin

40 million people
7 western states, plus the
Republic of Mexico

5.5 million acres of farmland
4,200 megawatts of
hydroelectric capacity



Near Normal Snow Conditions for the Upper Colorado River Basin

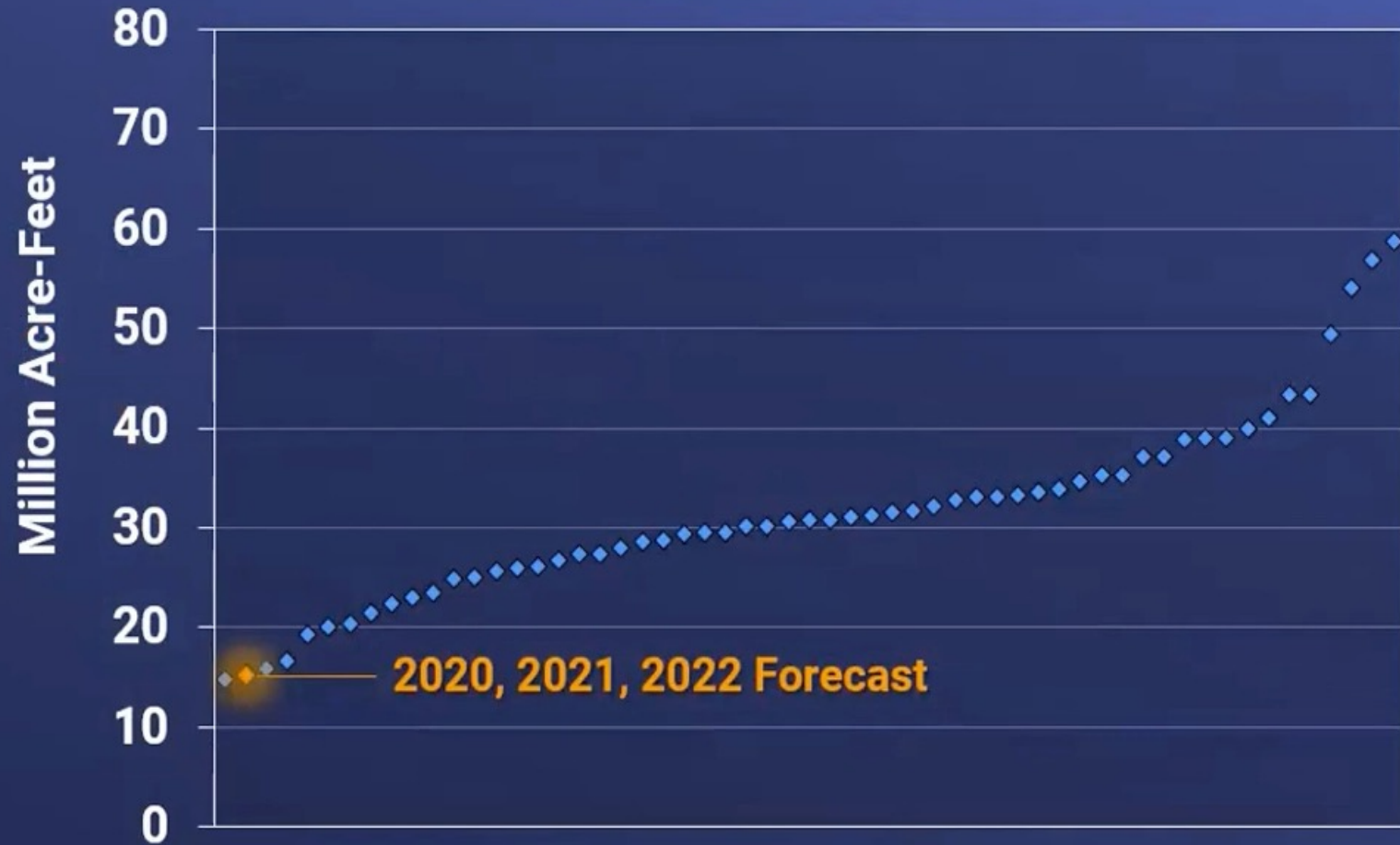


- April 1 is generally when snowpack is at its peak
- Snowpack peaked in March at 91% of April 1 normal

But Runoff is
Well Below
Normal

WY 2020-2022
Projected to be
the Second
Lowest on
Record

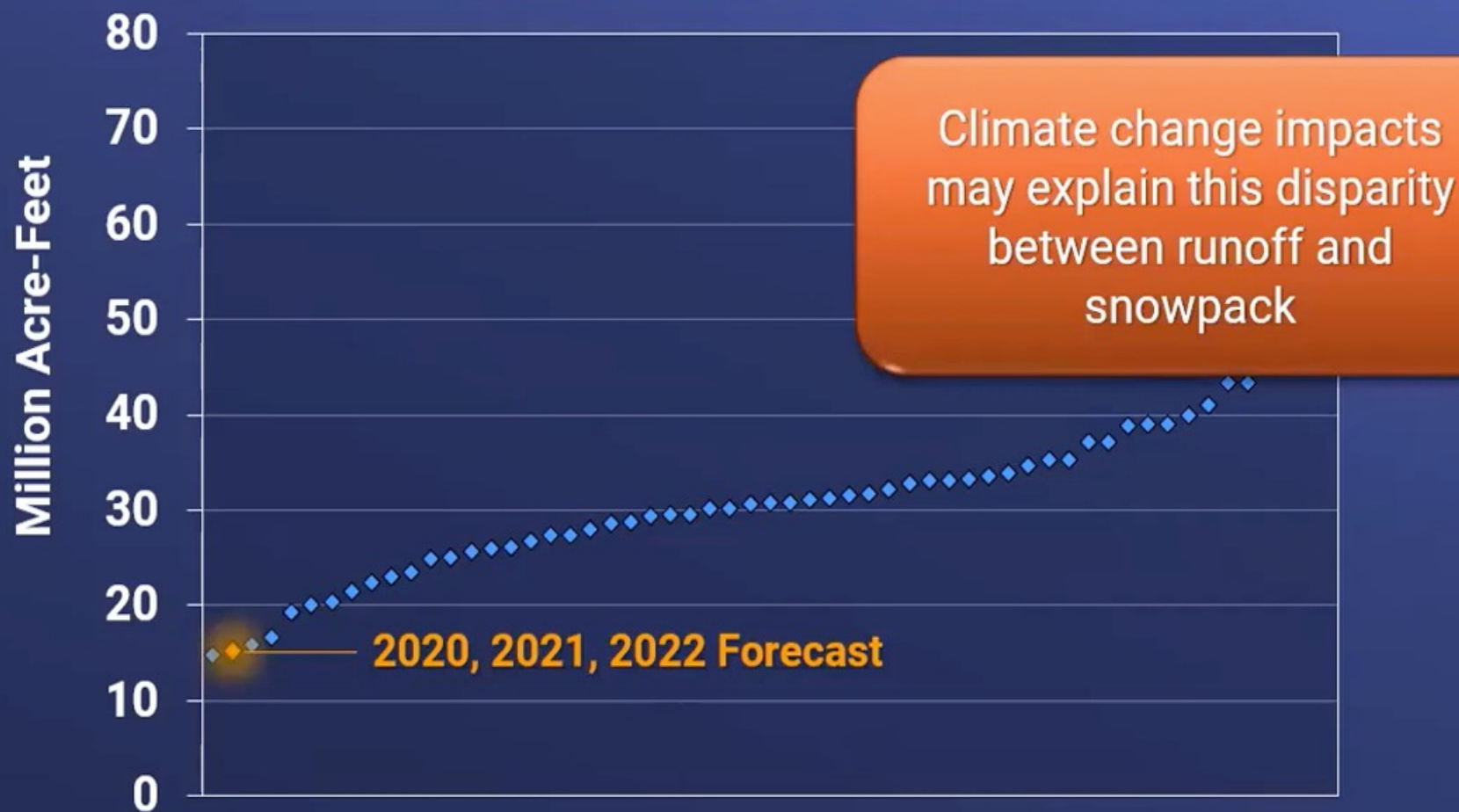
Ranking Powell Unregulated Inflow for 3 Consecutive Years



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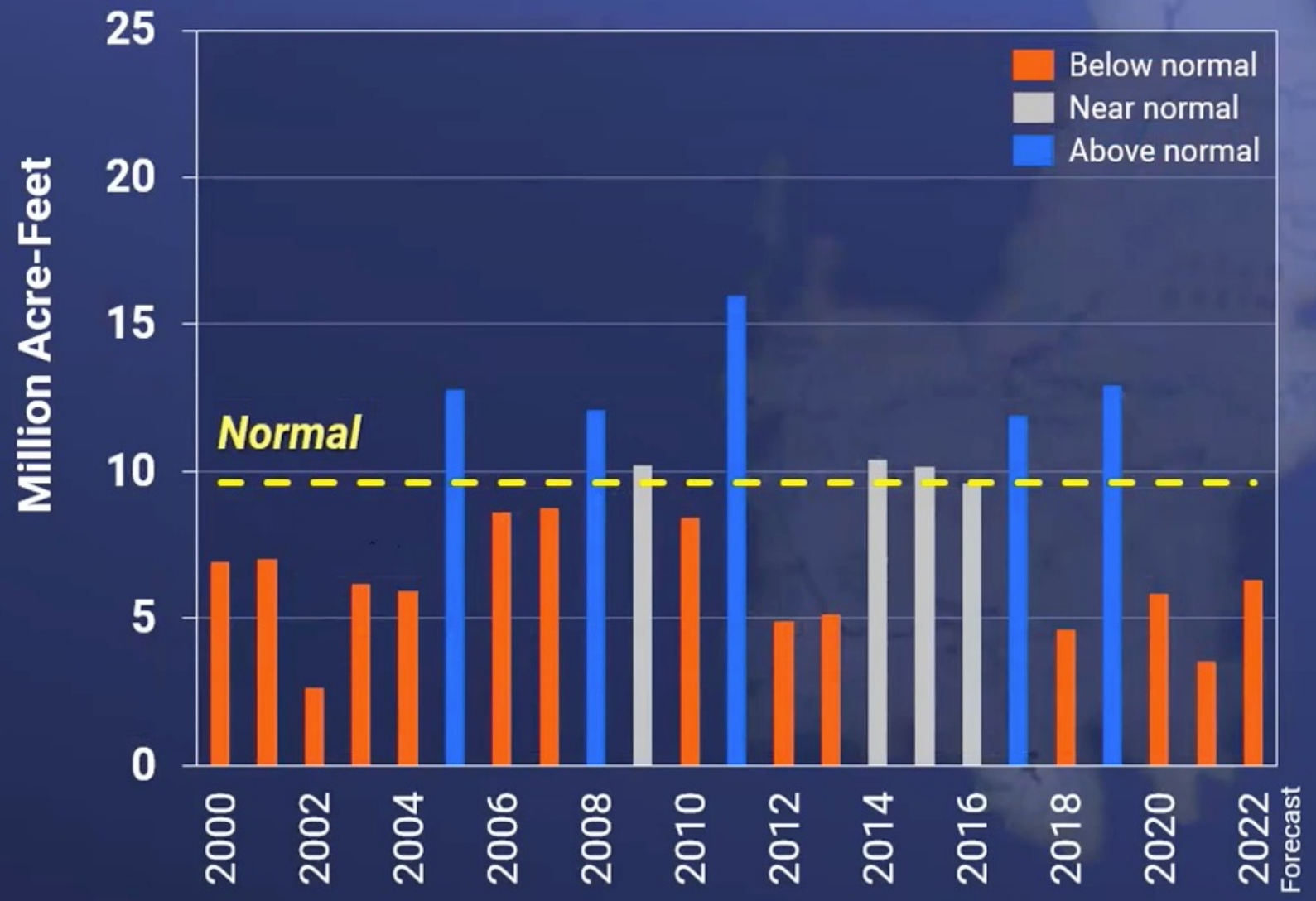
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Ranking Powell Unregulated Inflow for 3 Consecutive Years



Below
Normal
Runoff
Prevalent in
the Last Two
Decades

Annual Powell Unregulated Inflow



State Water Project

29 public agency contractors

Serves 27 million people

Irrigates 750,000 acres

3,000 megawatts of hydroelectric capacity



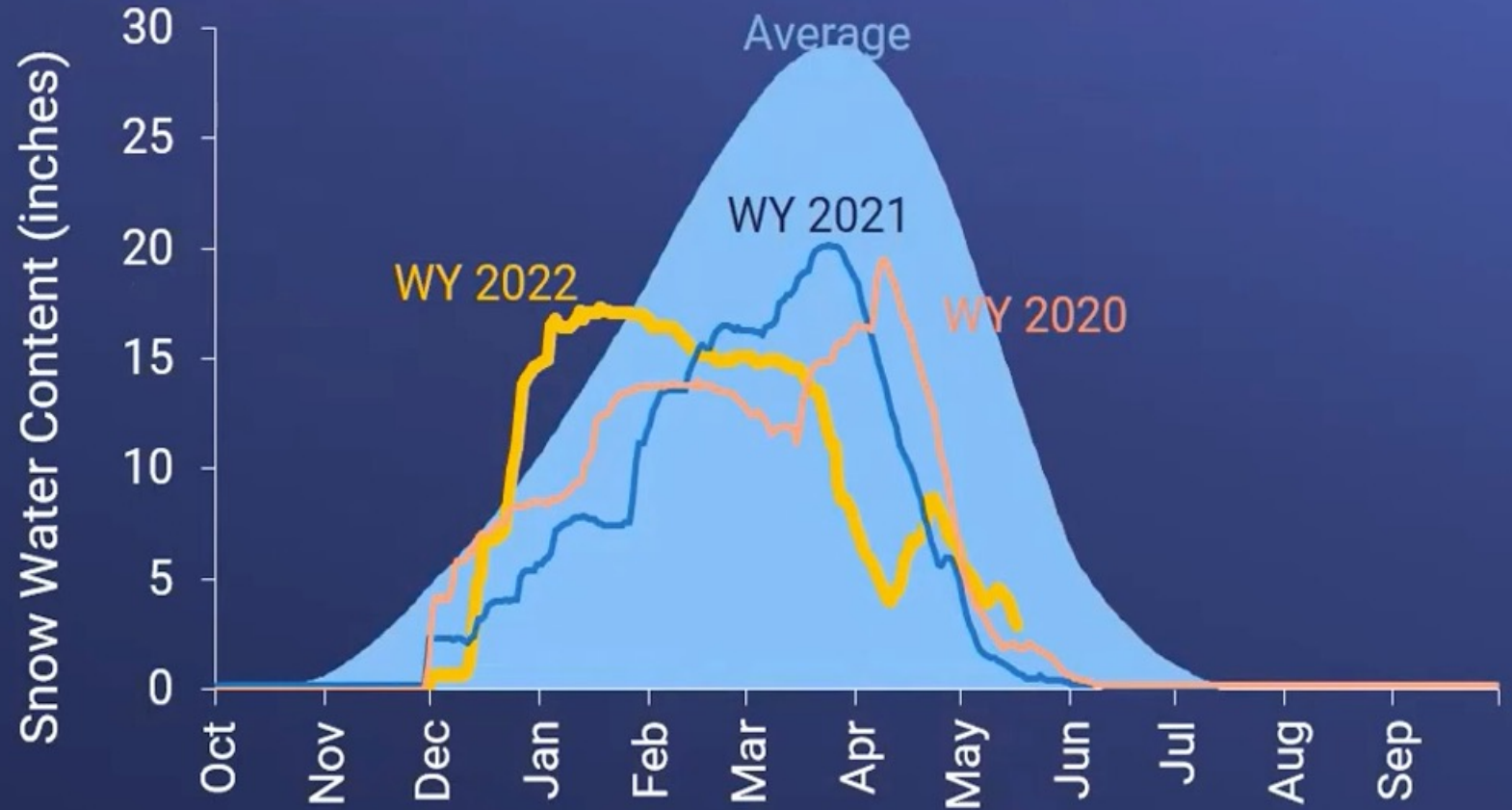
SWP Stats:

- 20 Pumping Plants
- ▲ 5 Hydroelectric Power Plants
- 4 Pumping Generating Plants
- >700 miles of canals, tunnels, and pipelines
- 34 Storage Facilities

Snowpack Peaked Low and Early

In normal years, snowpack accumulates until around April and then melt starts.

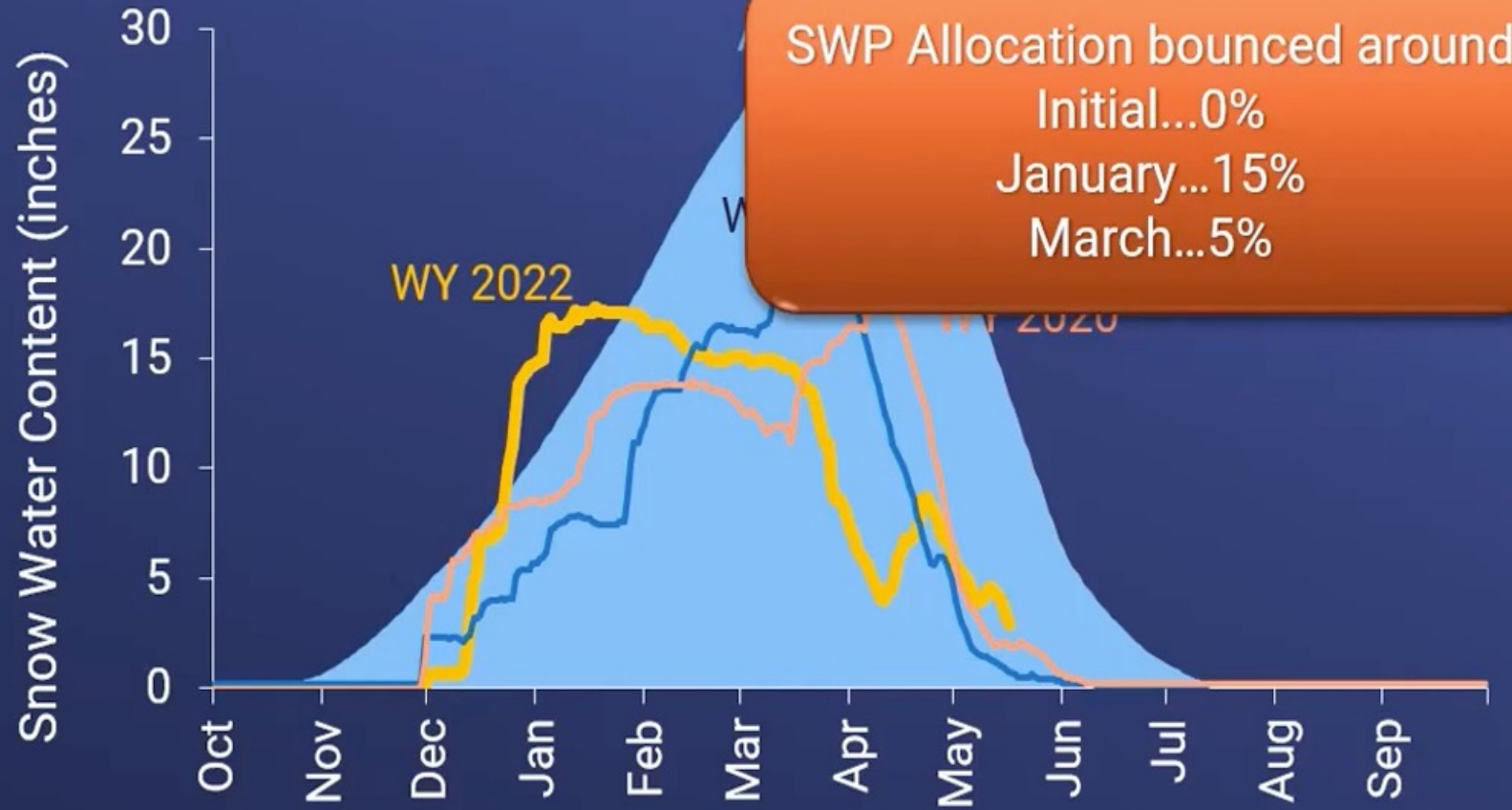
Third Year that Northern Sierra Snowpack is Below Normal



Snowpack Peaked Low and Early

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Third Year that Northern Sierra Snowpack is Below Normal



April 1st Snowpack Survey

Snowpack
Virtually Gone
at the Peak
of Season



Back-to-Back Below Normal Runoff

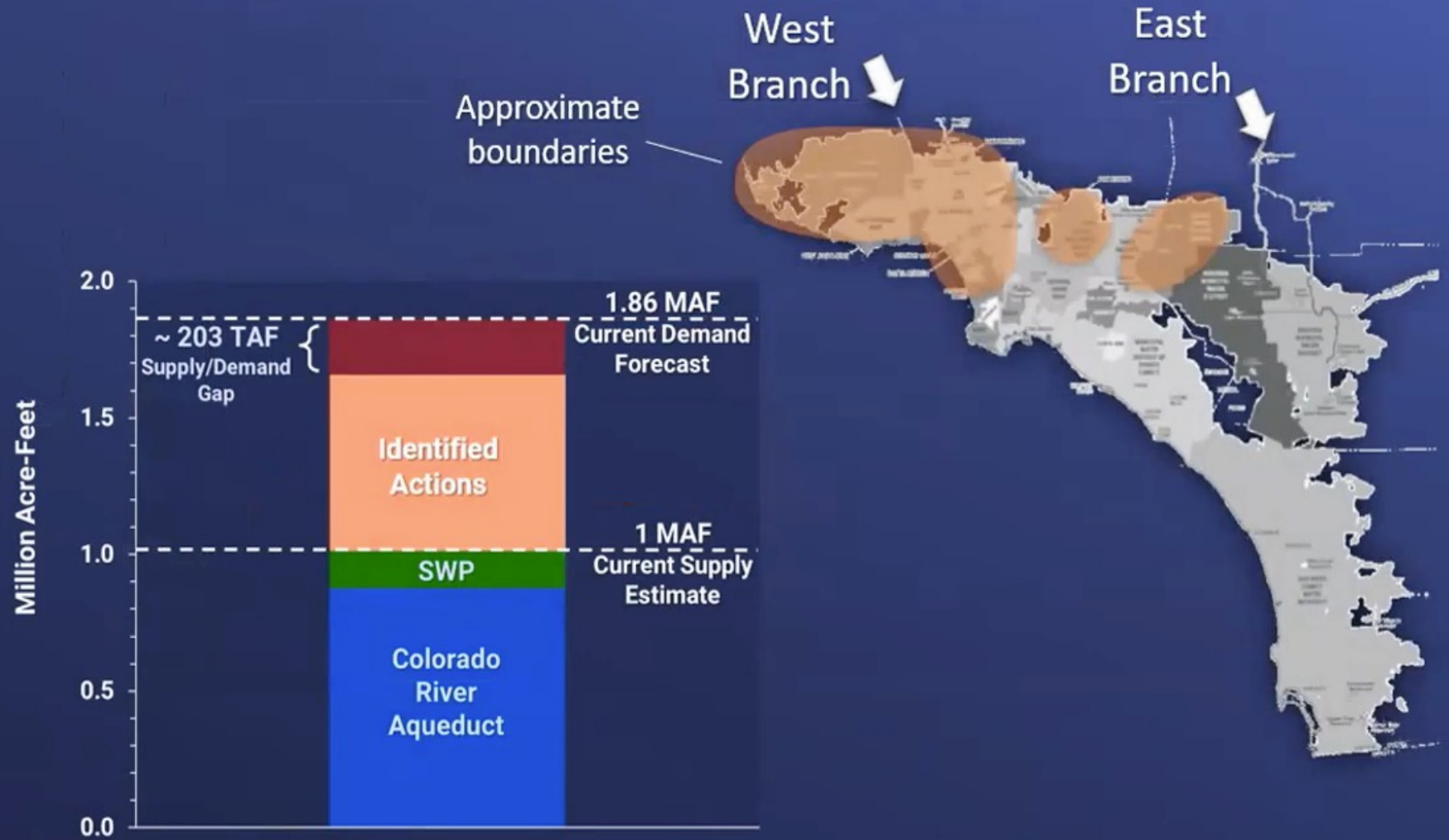
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Sacramento River Runoff 3 Consecutive Year Total Ranking



Water Shortage Emergency Declared in the SWP dependent area

Insufficient Supply to Meet Normal Demands for the SWP Dependent Area



Top 3 Takeaways.

- This is **year three** of record-breaking drought and heat streak due to climate change.
- Every drop counts. We all need to **conserve more water**. We are in this together.
- Your water agencies are **here to help** save water and money.

