



Drought Update

May 18, 2021

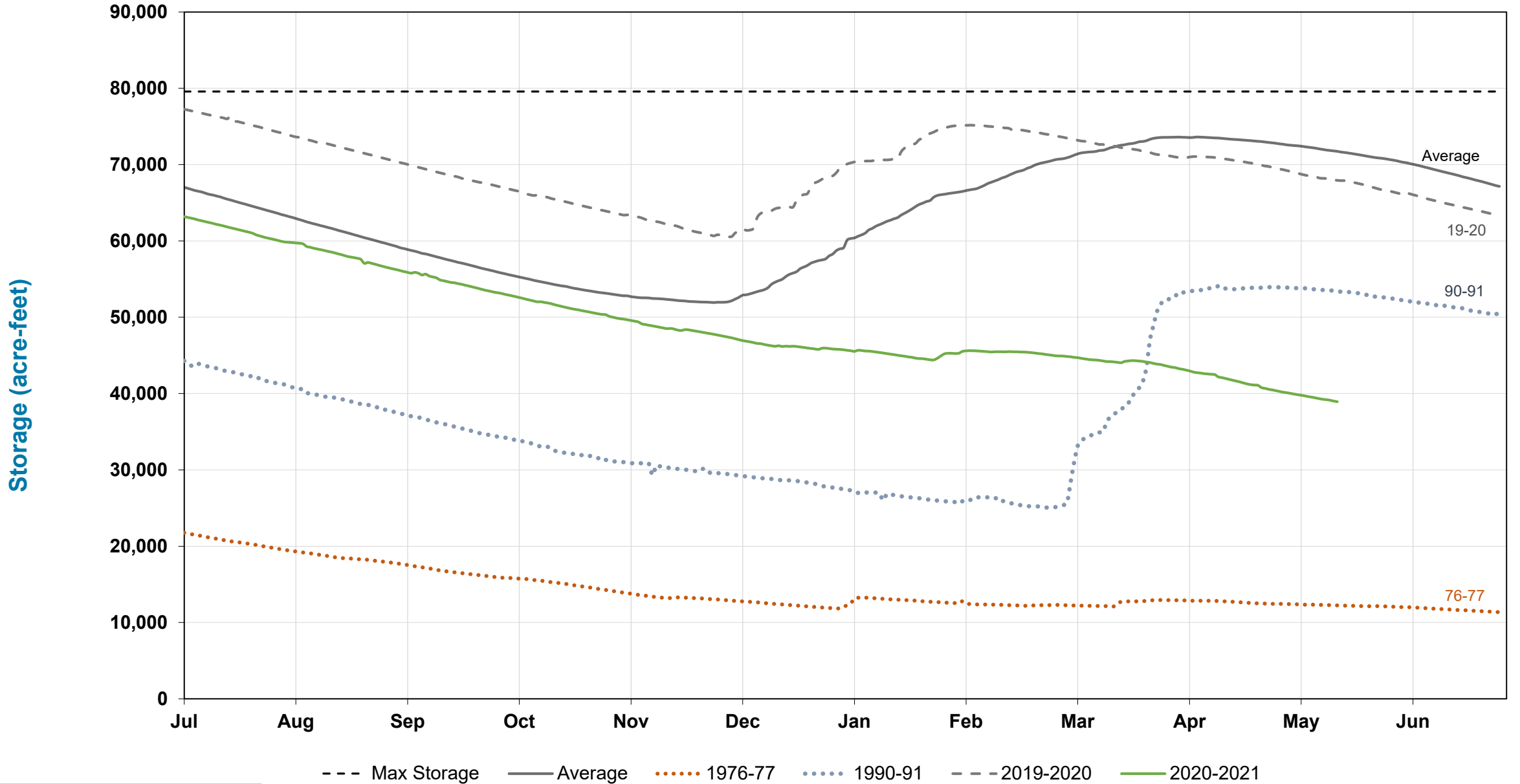


Overview

- Review of Drought Conditions
- Update of Water Supply Projects
 - Detailed update of Conservation Outreach at Communications & Water Efficiency Committee Meeting (tomorrow)
- Drought Conservation Targets for Customers
- Next Level of Increased Conservation
- Next Steps

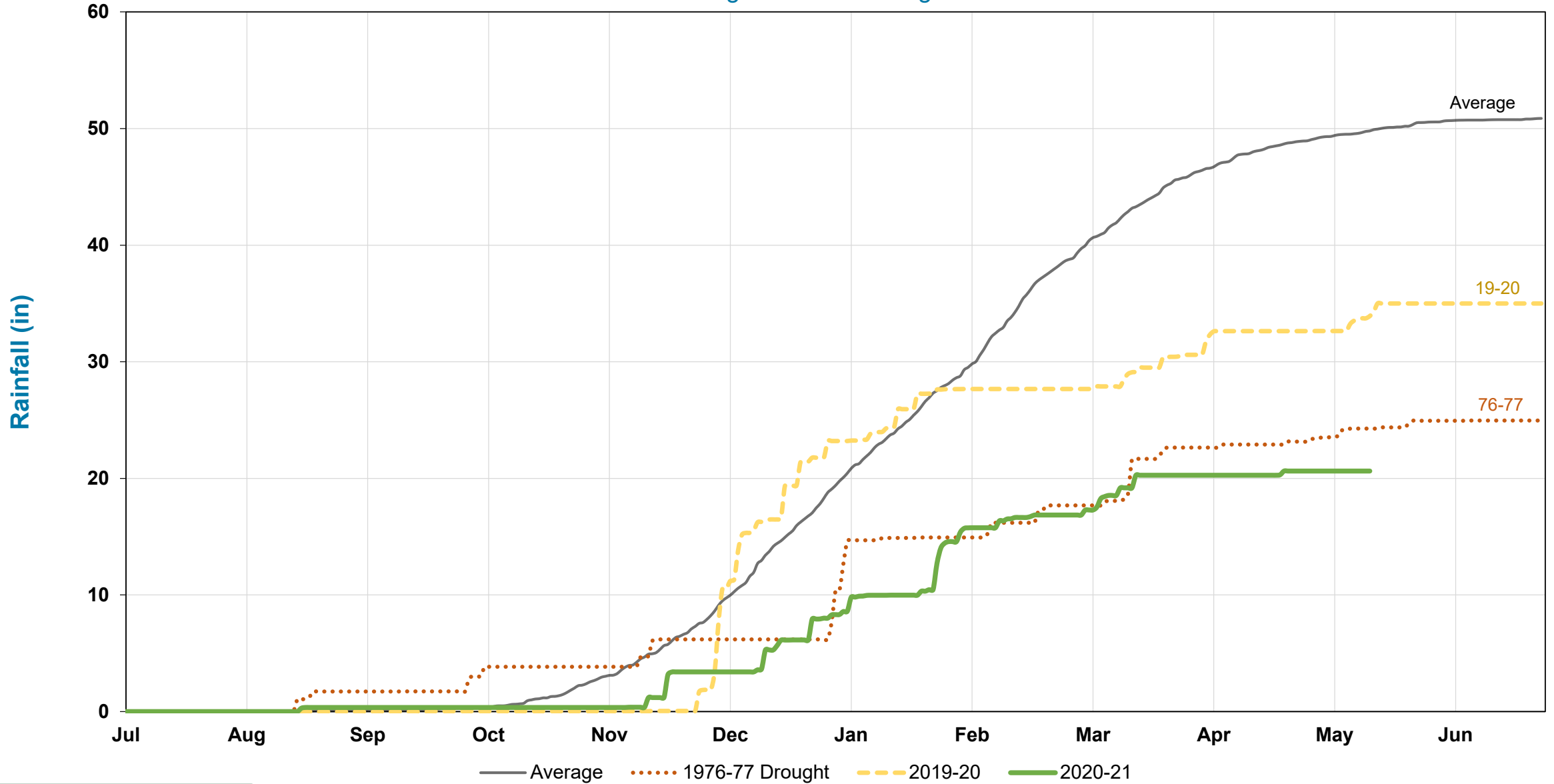
Review of Drought Conditions

Total Reservoir Storage

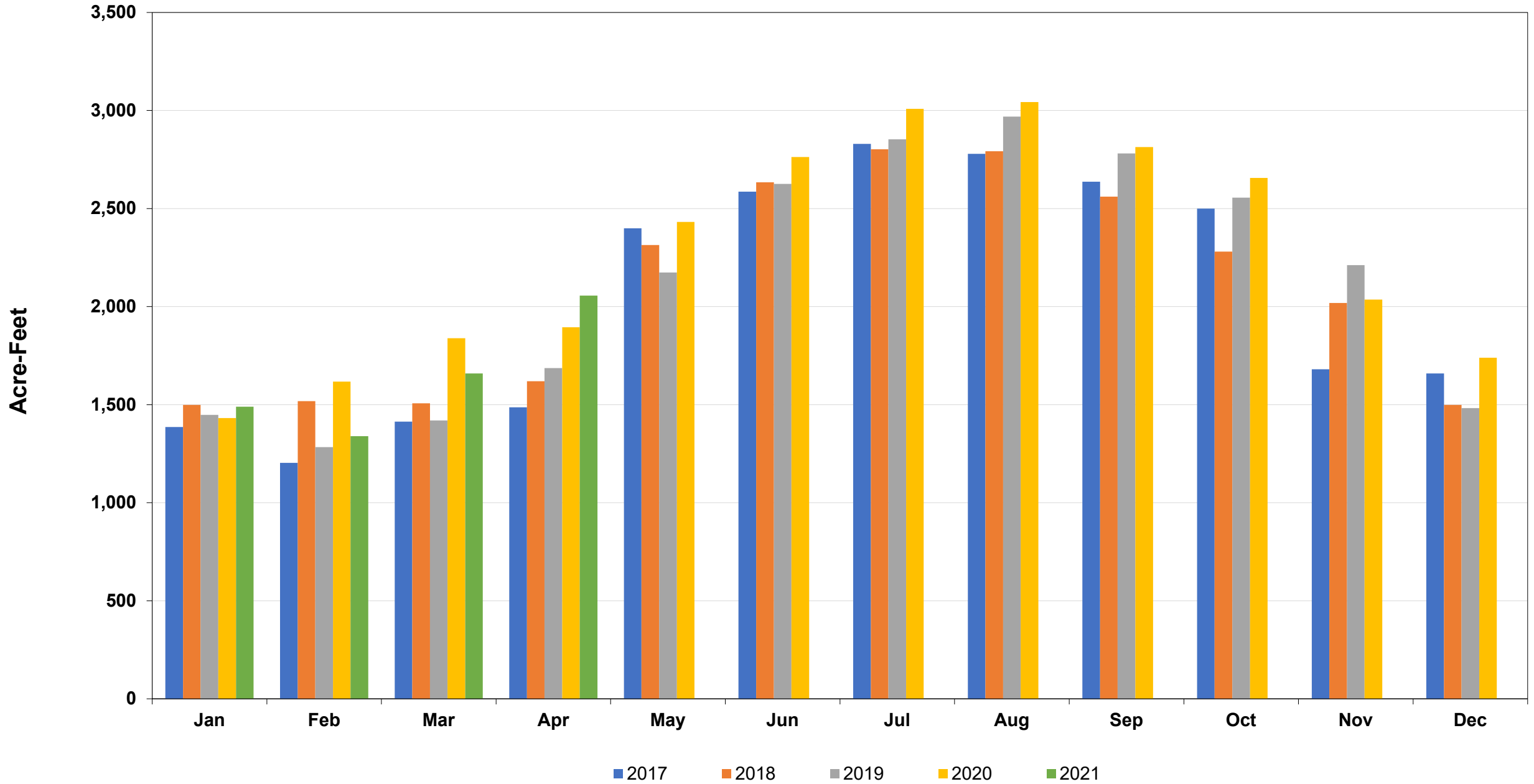


Cumulative Rainfall

Lake Lagunitas Rain Gauge



Monthly Potable Water Production

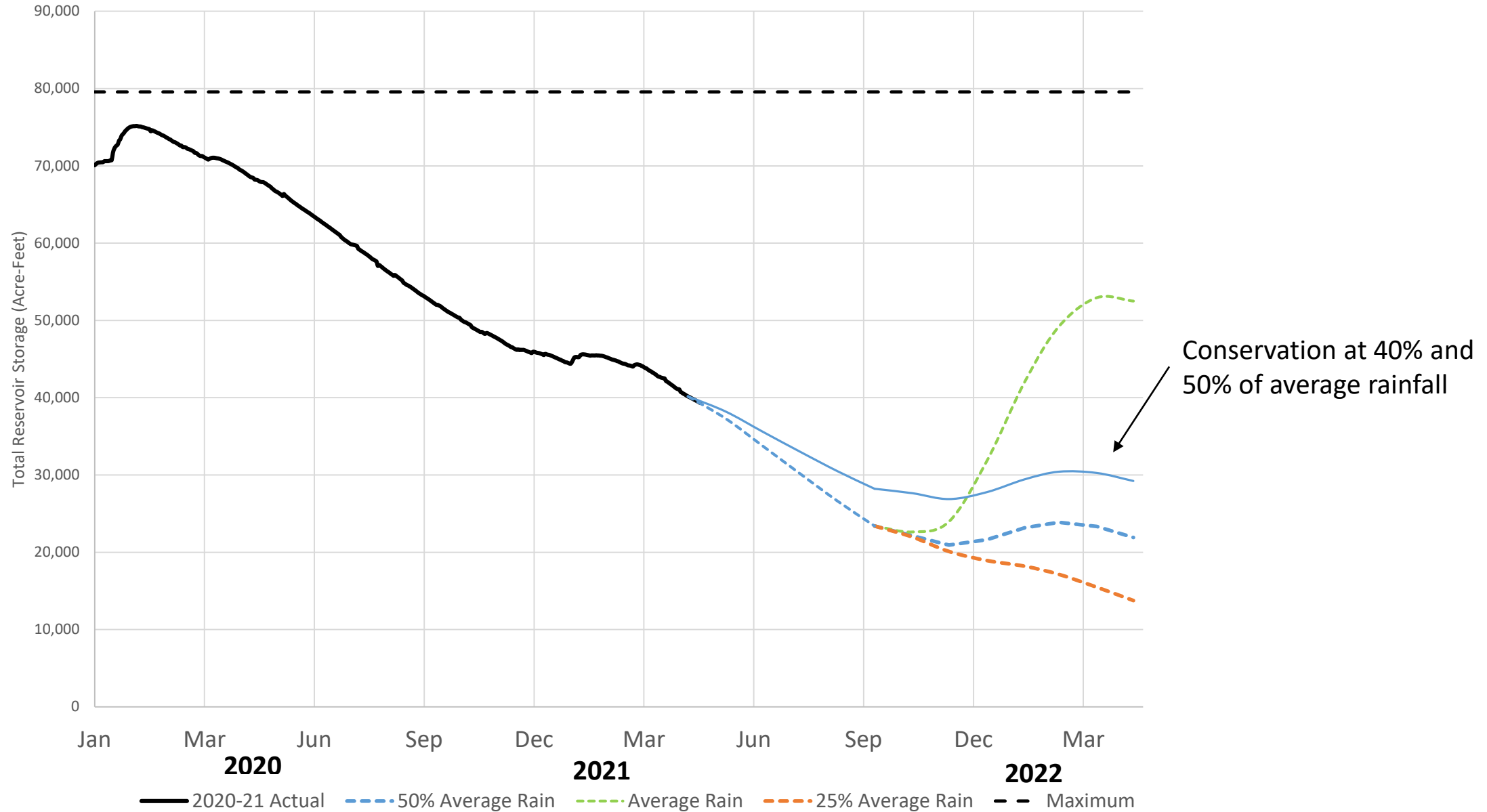


Tracking Average Daily Production

Million Gallons per Day (MGD)

	3-year Average (2018-20)	2020	2021
April 18 - 24	20.1	22.1	22.9
April 25 – May 1	23.1	25.4	21.7
May 2-8	24.5	26.1	23.1
May 9-15	24.4	24.1	23.2

Projected Reservoir Storage



Drought Response: Water Supply Initiatives

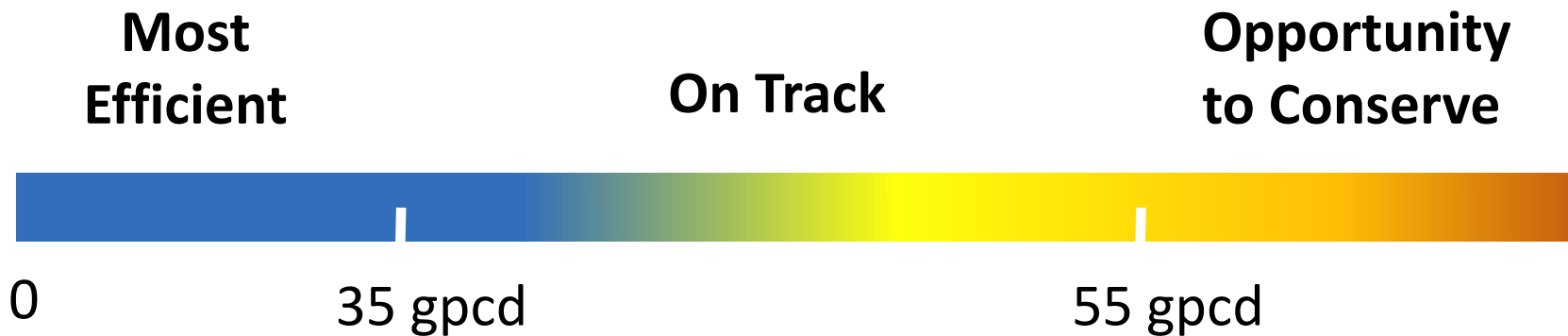
- Soulajule Reservoir
- Kastania Pump Station Rehabilitation
- Environmental Releases
- Consideration of Multi-year Drought Projects
 - Looking at feasibility of temporary desalination and water transfers

Drought Conservation Targets

Water Conservation Goals

- Overall 40% reduction from all customers
- December 1st: 30,000 acre-feet total reservoir storage
- Ongoing monitoring and reporting to the Board status as compared to established conservation goals (utilizing water production data)

Residential Targets for Indoor Use



- Indoor water targets guided by industry standards
- Outdoor water use savings guided by 2 days per week sprinkler irrigation restrictions

**gpcd = gallons per capita per day*

Increased Conservation

Next Level of Increased Conservation

If additional conservation efforts are needed, staff is considering:

- Limit irrigation to one day per week
- No outdoor irrigation
- Per capita or household allocation
- Restrictions on new connections
- Eliminate summer allocation

Next Steps

- Tomorrow: Update on drought outreach efforts at the Communications & Water Efficiency Committee meeting
- Continue drought outreach efforts
- Continue operational and water supply projects
- Ongoing monitoring and reporting to the Board status as compared to established conservation goals

**Drought is Here
Conserve Water**

Learn more at MarinWater.org/Conserve

