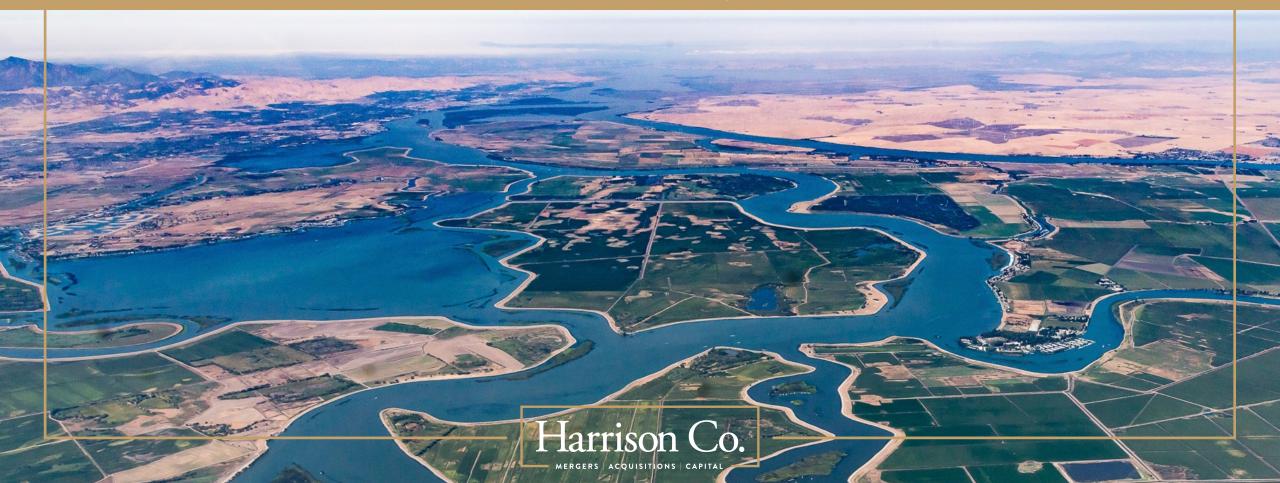
What does drought mean for the 100 Mile Circle?

FEB 2023

2023 MSSC Annual Salinity Summit



Intro to Harrison Co.

We are an investment banking firm dedicated to advising family-owned businesses in the food and ag industries on mergers, acquisitions, and capital raises, as well as strategic business decisions

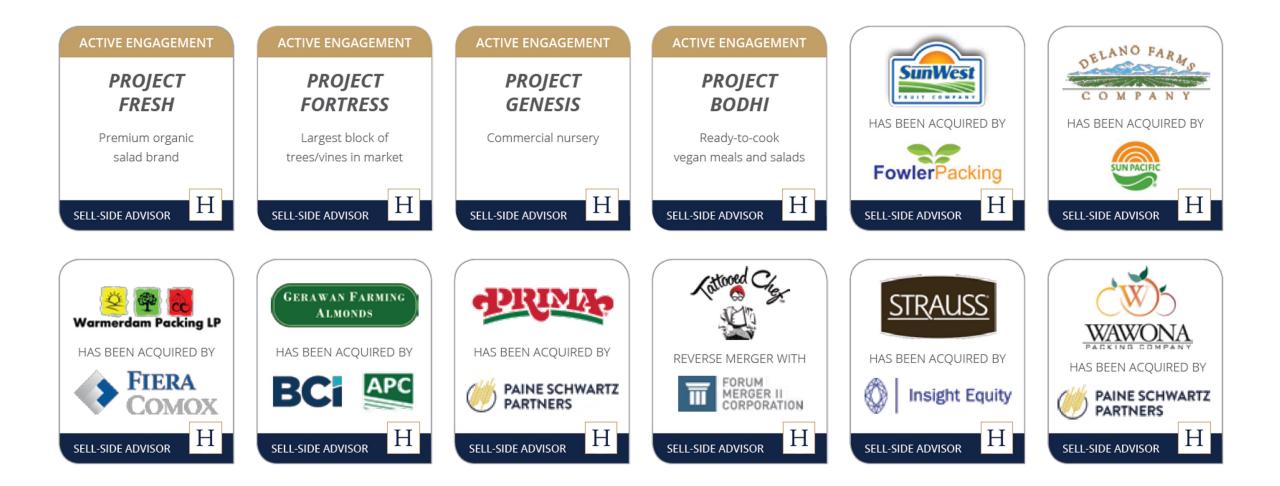
We take a consultative, data-driven approach to help business owners navigate complex transactions and structure the best deal for our clients

We have completed some of the largest ag transactions in California over the last few years

We see the impact of drought and water policy has had on the family's decision to sell

We also see strong ongoing interest from private equity firms in acquiring land and operations in the 100 Mile Circle

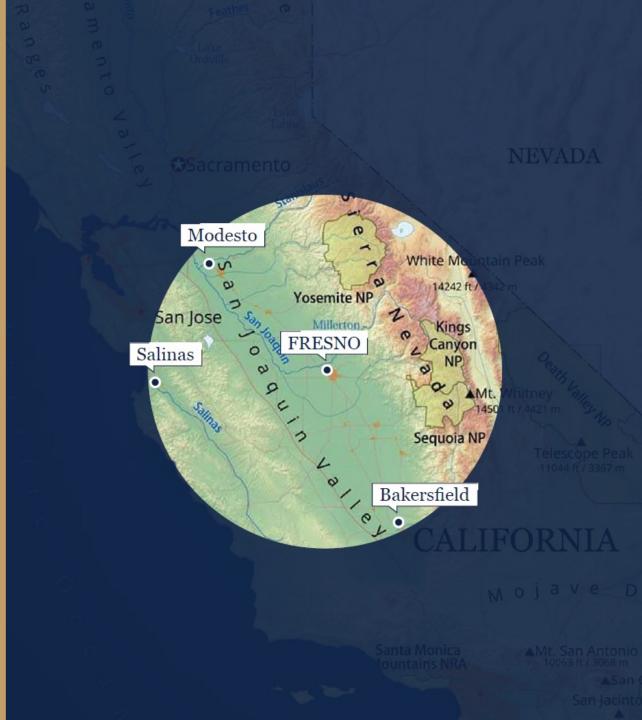
Select Harrison Co. agriculture transactions



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What is the 100 Mile Circle?

If the point of a compass was centered on Fresno, California, and a 100-mile radius was drawn, the circle formed would reach across the most vital and productive growing region in the world



Although this 100 Mile Circle covers less than 1% of the total land mass of the U.S., it produces nearly one-half of its fresh fruits, vegetables and nuts



74% of the world's almond supply

18x more peaches than the "Peach State" of Georgia More than **95%** of all garlic and pistachios grown in the U.S.



100% of U.S. raisins (from 2,000 growers within a 60-mile radius of Fresno)



10x more fresh oranges than Florida, where most oranges are for processing



Over **75%** of nectarines, mandarins, table grapes, artichokes, kiwifruit and figs grown in the U.S.



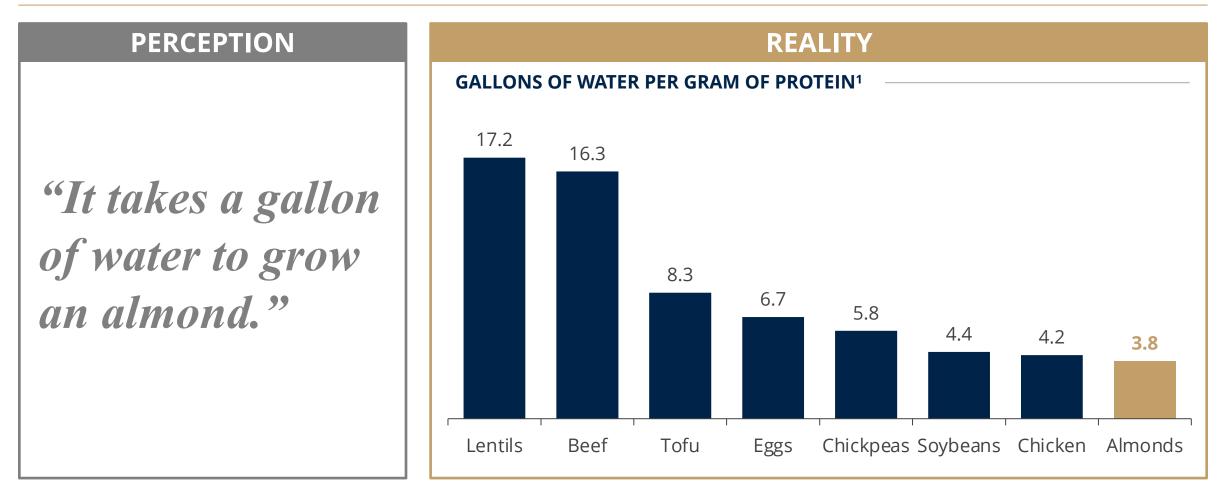
More milk than the entire

state of Wisconsin

What does drought mean for the 100 Mile Circle?

FIRST: When water is scarce, agriculture is blamed

The media often uses ill-informed statistics and misconceptions to warp the narrative and blame the farmer for California's water problems



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SECOND: The general public is disconnected from food production

Some people believe California's ag industry can simply be moved "elsewhere" and are not aware of the 100 Mile Circle's unique growing characteristics

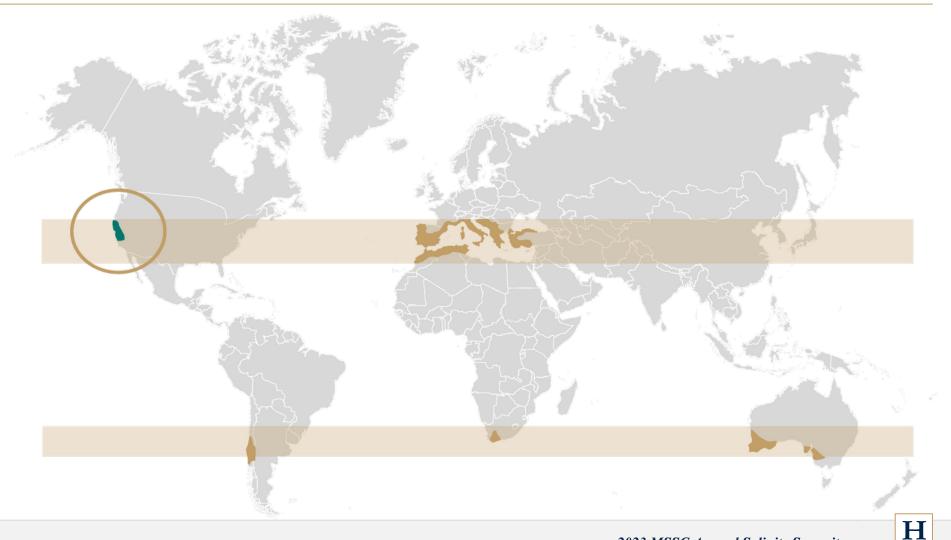
PERCEPTION	REALITY		
"California is a desert. Farmers should grow food where the water is."	There are areas in the U.S. that receive more rain, but they tend to be more humid. Too much rain and humidity can wreak havoc on crops, impacting yield		
	Sweet Potatoes CA 330 cwt NC 175 cwt 1.9x	Strawberries CA 620 cwt FL 240 cwt 2.6x	Peaches CA 13.7 tons GA 4.3 tons 3.2x

OUR OPINION: The 100 Mile Circle is a key resource that must be protected

If agriculture leaves California, food production will migrate to other countries, not to other regions in the U.S.

Mediterranean climates are characterized by:

- Long summers that are warm and dry
- Short, wet winters, with snow at higher elevations
- Cool, offshore currents that moderate air temperatures
- One of the most biologically diverse ecosystems
- Locations on the west side of continents, between 30° and 40° latitude



An important lesson learned from history – and from the COVID-19 pandemic and war in Ukraine – is that food-supply disruptions often lead to food protectionism, with countries banning or restricting major exports to safeguard their own food supplies

Indonesia

The world's largest edibleoils exporter declared that a domestic shortage of cooking oil prompted it to **impose a blanket ban on the export of palm oil** 1

Argentina

The world's fifth-largest beef exporter **banned all beef exports** due to inflation concerns ²

India

The world's secondlargest producer of wheat, **halted wheat exports** after initially announcing it would help ease a global supply crunch created by the war in Ukraine ³

California does not have a water problem – it has a storage problem

Prior to last December, headlines only focused on drought...

2022 Is California's **Driest Year on Record** So Far – An Ominous Sign for Summer and Fall



California Is Rationing Water Amid Its **Worst Drought in 1,200 Years**

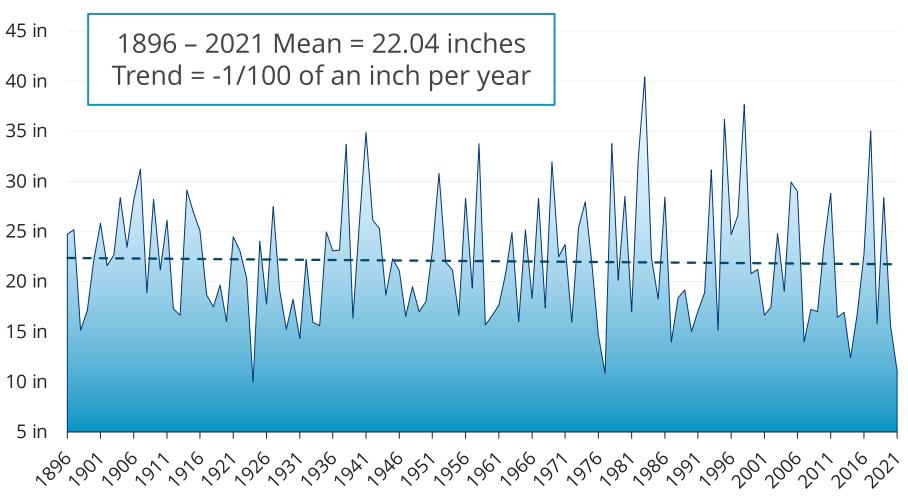
OCBS NEWS

The data doesn't support these headlines

We analyzed NOAA⁽¹⁾ data and found the following...

CALIFORNIA'S AVERAGE ANNUAL PRECIPITATION (1)

A trendline of California's average annual precipitation has not changed in 125 years



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The data doesn't support these headlines (cont.)

We analyzed NOAA⁽¹⁾ data and found the following...

MONTHLY PRECIPITATION FOR THE 2021-2022 WATER YEAR AS A PERCENT OF AVERAGE ⁽²⁾

16 in C Average Headlines fail to report Actual 144% 14 in 454% 12 in 10 in 8 in 142% 6 in 4 in 58% 2 in 14% 16% 118% 21% 4% 0 in Feb Oct Nov Dec lan Mar Apr May Jun

on the entire water year December 2021 was one of the wettest Decembers on record

2021-2022 water year was 75% of normal

20 of the last 125 years have been drier

1) National Oceanic and Atmospheric Administration ("NOAA")

2) Department of Water Resources, State of California, Northern Sierra 8-Station as of July 9, 2022

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The data doesn't support these headlines (cont.)

We analyzed NOAA⁽¹⁾ data and found the following...

24.94 24.94 Annual Rainfall (in) 22.73 22.54 22.29 22.29 21.94 21.51 21.30 20.87 20.90 The driest decade 19.97 on record was in Average 1920s 1930s 1940s 1950s 1970s 1980s 2010s 1910s 1960s 1990s 2000s 1900sFollowed by Followed by four below-Followed by five Ending with Wettest two drier-thanaverage decades, including above-average another extreme decade average the driest on record decades on record wet period decades

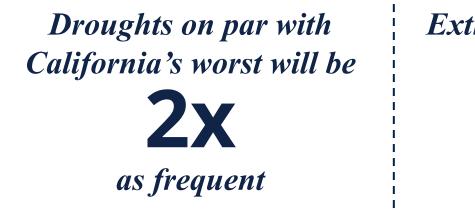
CALIFORNIA'S AVERAGE ANNUAL PRECIPITATION BY DECADE (1)

the 1920s

Focusing on drought implies that conservation is the only tool we have

Not only is this untrue, but it is dangerous

Climate change is increasing the risk of extreme flood events in California¹



Extreme wet years similar to 2017 will be



Floods as severe as those in 1862 will be

5X as frequent by 2100

Conservation alone will not solve California's water problem



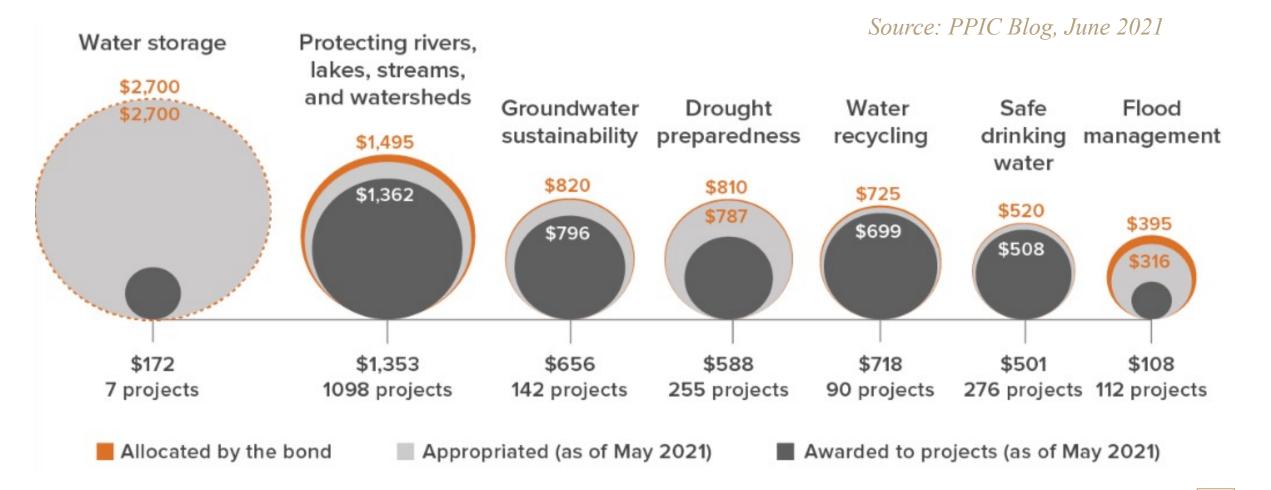
250 B

Gallons of water saved if everyone in California stopped taking showers for a FULL YEAR

Gallons of EXCESS WATER that flowed out of the Delta and into the ocean during the month of January 2023

California has failed to develop new storage

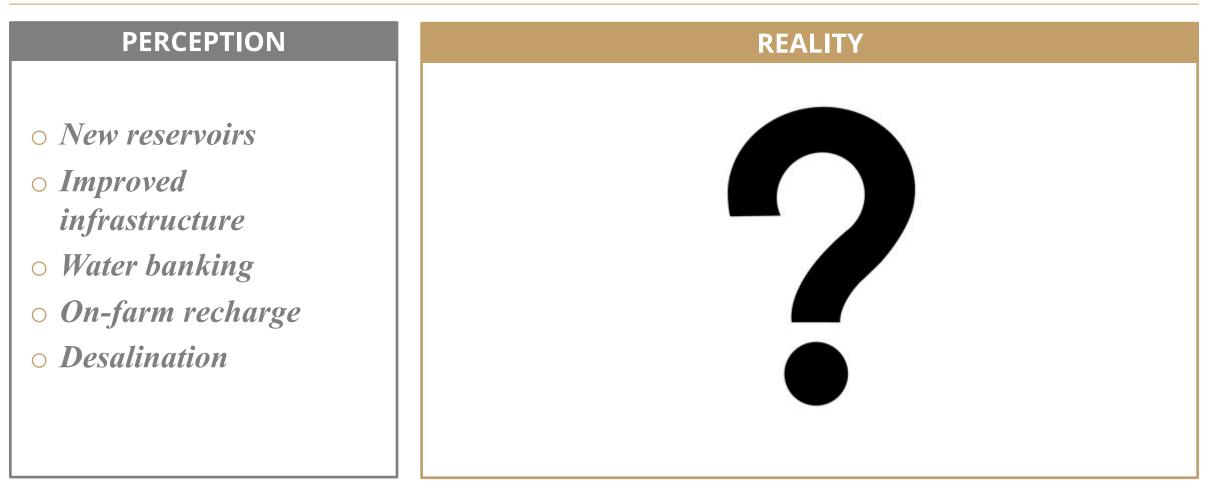
Since 2000, California voters have approved eight water bonds dedicating \$27 billion to various water projects, including \$2.7B specifically allocated to water storage in 2014



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So, what does drought mean for the 100 Mile Circle?

If the U.S. wants to remain food independent, California's water must be managed in a way that looks beyond drought



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