



Yolo Office of Emergency Services

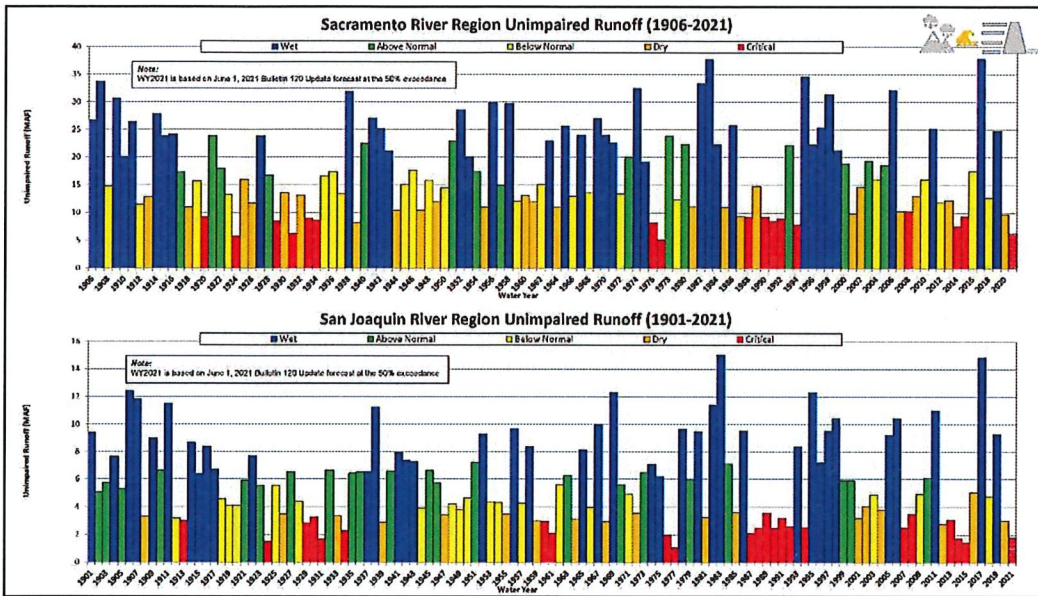
Wild Wings – Drought Town Hall Meeting

July 21, 2021

This presentation packet will provide you with accompanying photos, graphs and links to other places to find information regarding the 2021 Drought.

Drought Overview

Rainfall run-off over the years shows only 3 wet years within the last 15

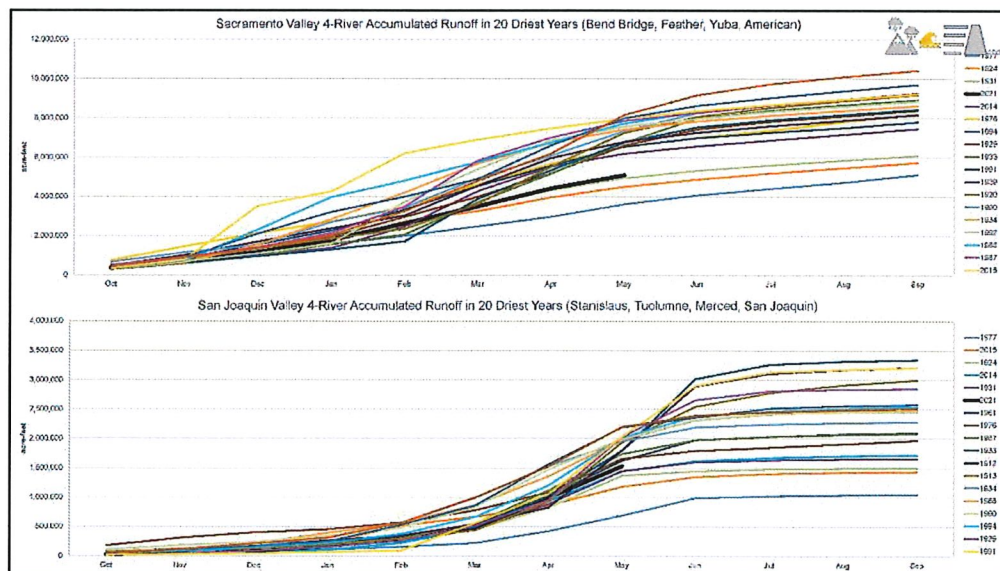


Link to the State Dept of Water Resources Drought Brochure. This is a large file and takes approx. 2-4

2021 is already ranking as one of the driest years on record and is only topped by 1977, 1924 & 1931 (when population in Yolo County was half of what it is today or less).

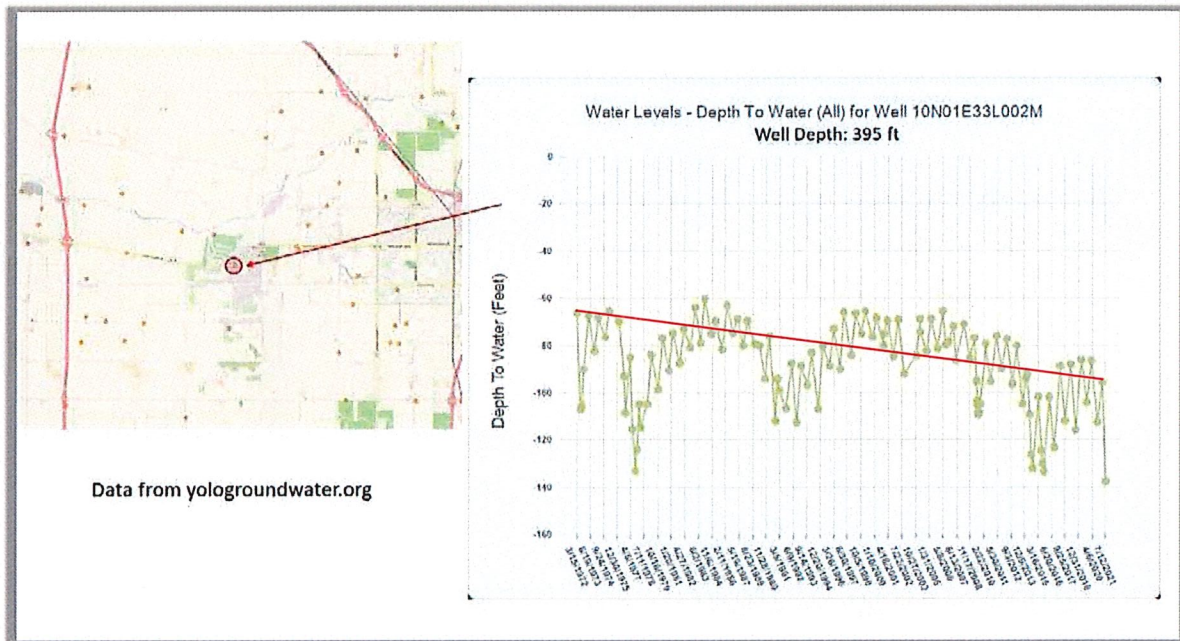


Drought.gov website's direct link to the status of the Drought in Yolo County

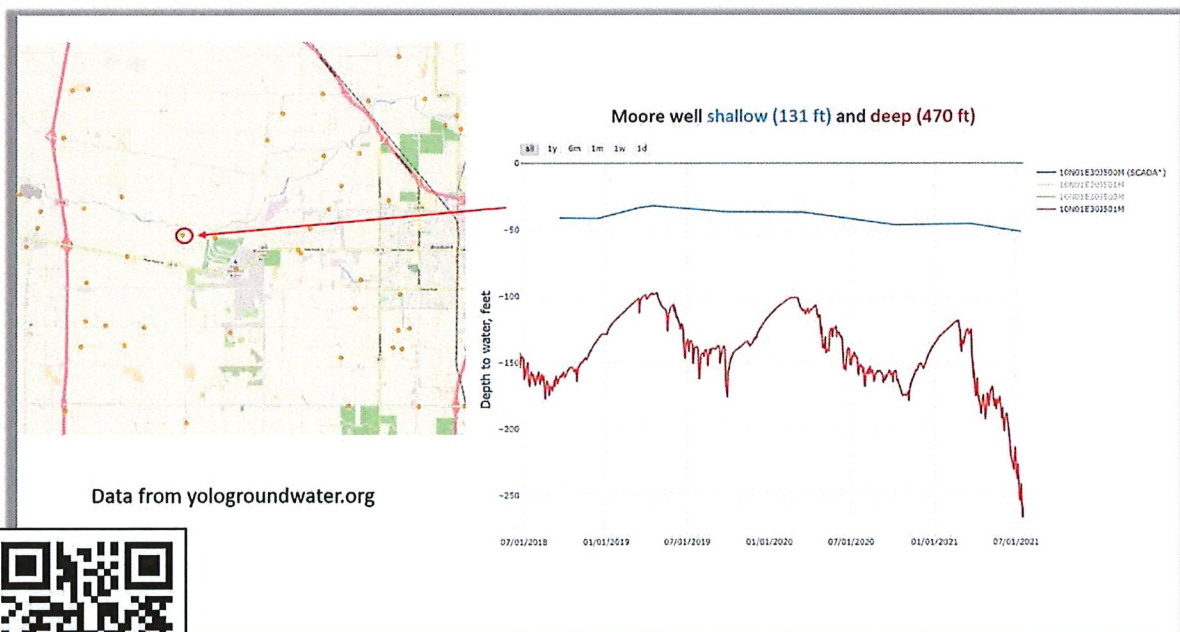


Groundwater in Yolo

Groundwater is measured throughout Yolo County through a series of monitoring wells. It shows a steady decrease in groundwater since the 1970's.



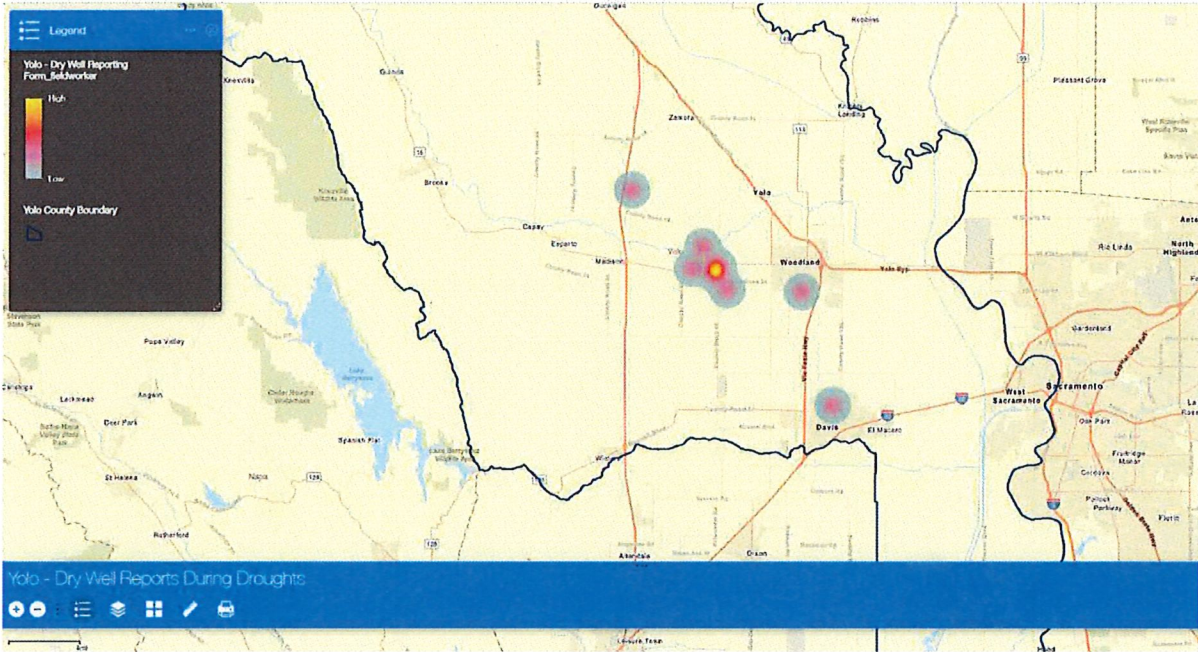
The fact that a well is deeper does not necessarily mean it has a steady source of water available. This picture shows the drop in water in a deep well as opposed to a shallow one during this drought.



How Wells Work Video

Drought Effects in Yolo

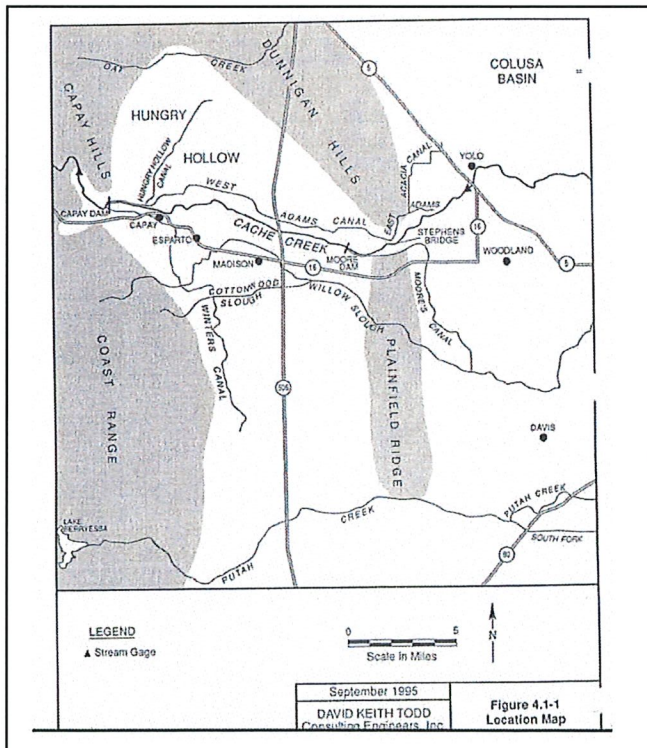
The drought is already affecting areas within Yolo County. OES is beginning to see a cluster of dry well reports in the center of the County.



Underground rock formations can also affect water accessibility

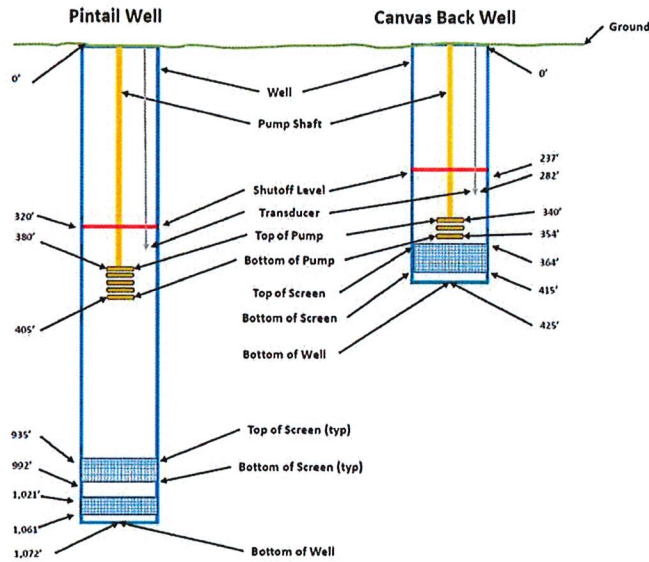


Groundwater Re-charge Video

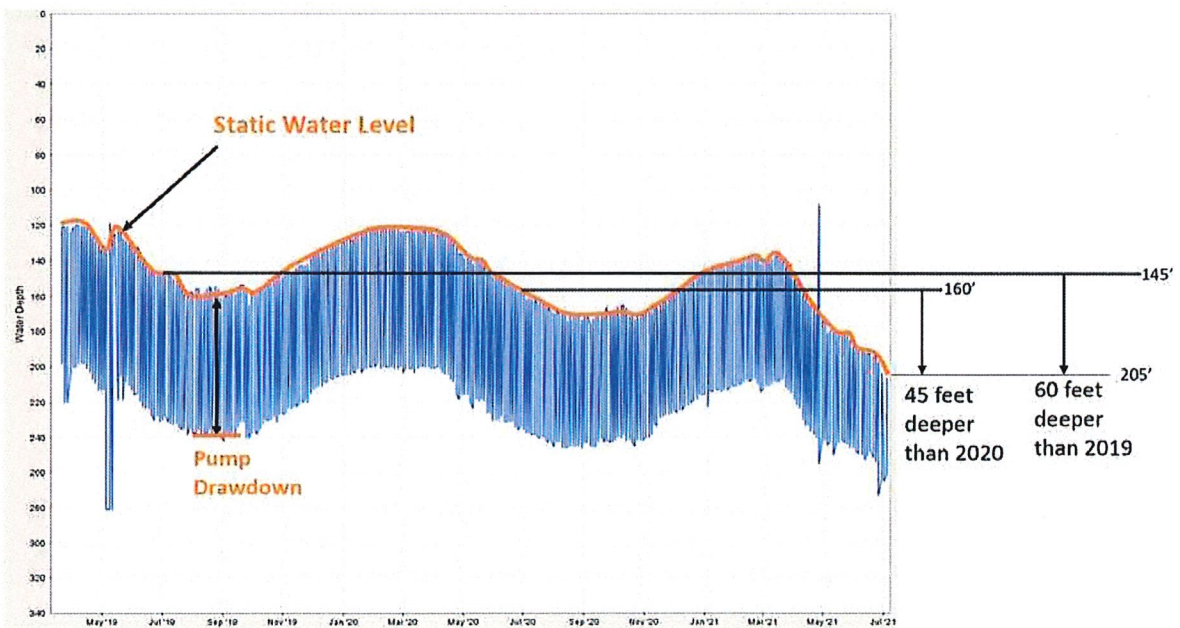


Water in Wildwings

Wildwings operates on two wells. Pintail supplies the ground water to homes. Canvasback serves as the redundant well, and irrigates the golf course.



Pintail well had decreased 81' in the last 4 months. The current water depth is now at the same level as the end of the 2015 drought.



Conservation pays off over time....but we have to conserve throughout the year.

Wildwings Water Conservation - 2021

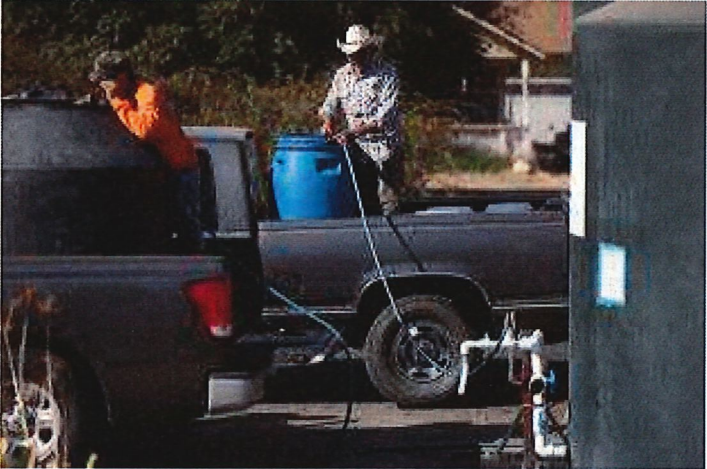
Month	2018		2019		2020		2021		Range of Previous 3 Years	Water Use Compared to 3 year average	Water Use Compared to 2020
	Million Gallons	% Diff. Prev. Month	Million Gallons	% Diff. Prev. Month	Million Gallons	% Diff. Prev. Month	Million Gallons	% Diff. Prev. Month			
April	5.50		5.75		7.31		7.00			13%	-4%
		88%		14%		42%		7%	14% to 88%		
May	10.34		6.53		10.39		7.47			-18%	-28%
		12%		71%		21%		40%	12% to 71%		
June	11.61		11.18		12.60		10.47			-11%	-17%
		12%		12%		6%			6% to 12%		
July	12.97		12.51		13.37						
		18%		3%		6%			3% to 18%		
August	11.01		12.14		12.59						
		25%		23%		18%			18% to 25%		
September	8.82		9.88		10.65						
		14%		8%		11%			8% to 14%		
October	7.71		9.19		9.60						

Response to Water Outages

East Porterville response photos from the 2015 Drought



Boxed drinking water delivery



Water for household uses

