

Arizona Hot Spots: Drought Management

Drought Learning Network Annual Meeting
June 7, 2022

Némesis Ortiz-Declet

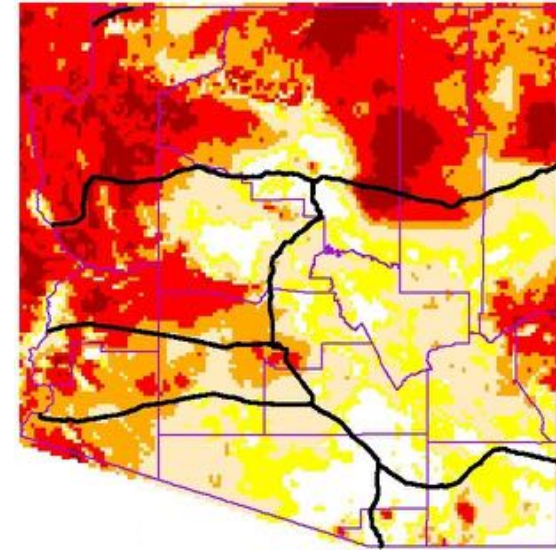
Drought & Conservation Coordinator

Arizona Department of Water Resources

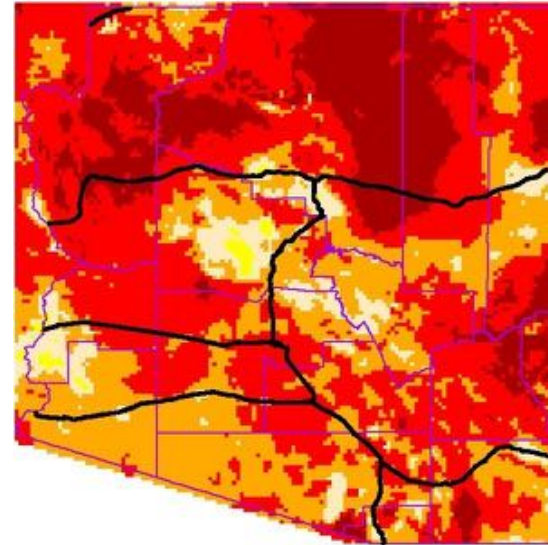


Quarterly Long-Term Drought Status Maps

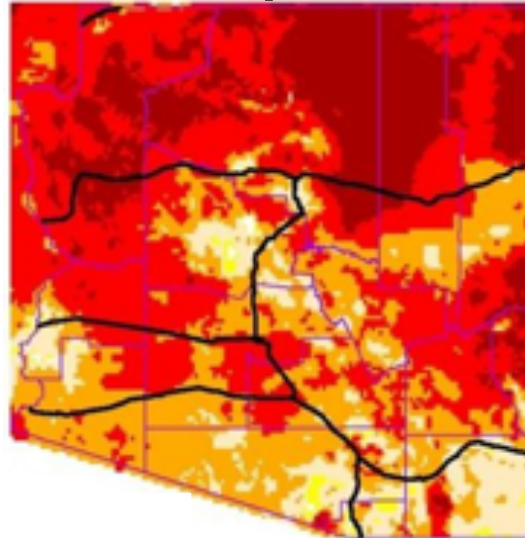
Jan - Mar 2022



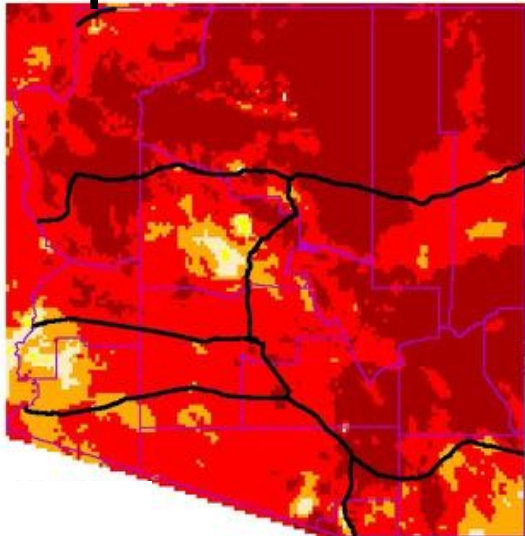
Oct - Dec 2021



Jul - Sept 2021



Apr - Jun 2021



Drought Conditions

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



ARIZONA STATE
CLIMATE OFFICE



What is the Arizona Department of Water Resources doing about drought "hot spots" in the state?



ADWR Statewide Planning

- Drought Program
- Rural Program
- Community Water Systems
- Conservation Program

ARIZONA DROUGHT WORKING GROUPS

ADWR Drought Program



MONITORING TECHNICAL
COMMITTEE



INTERAGENCY
COORDINATING GROUP



LOCAL DROUGHT IMPACT
GROUP

DROUGHT RESOURCES



NATIONAL RESOURCES

REGIONAL RESOURCES

STATE RESOURCES

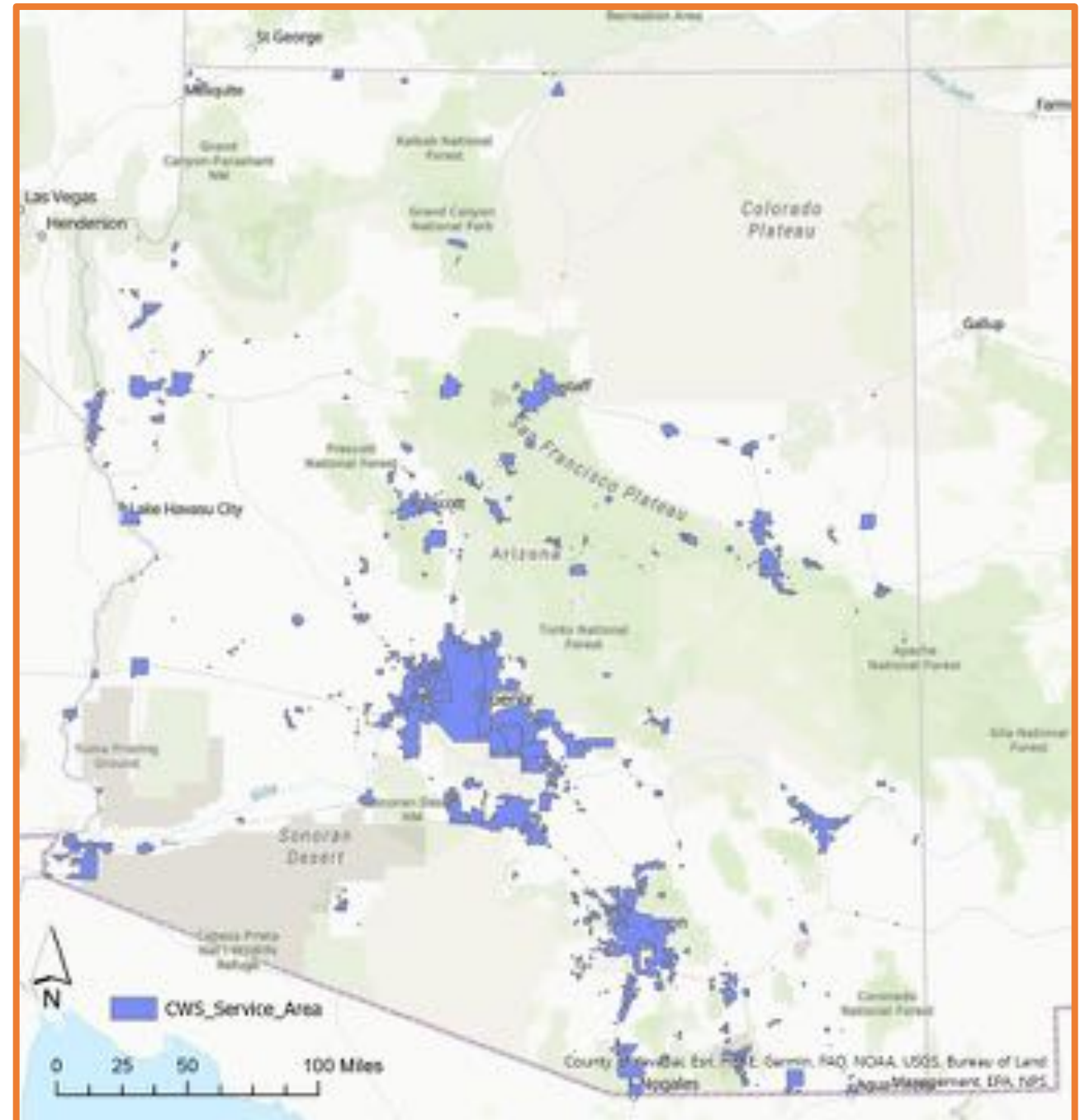
ADWR Rural Program



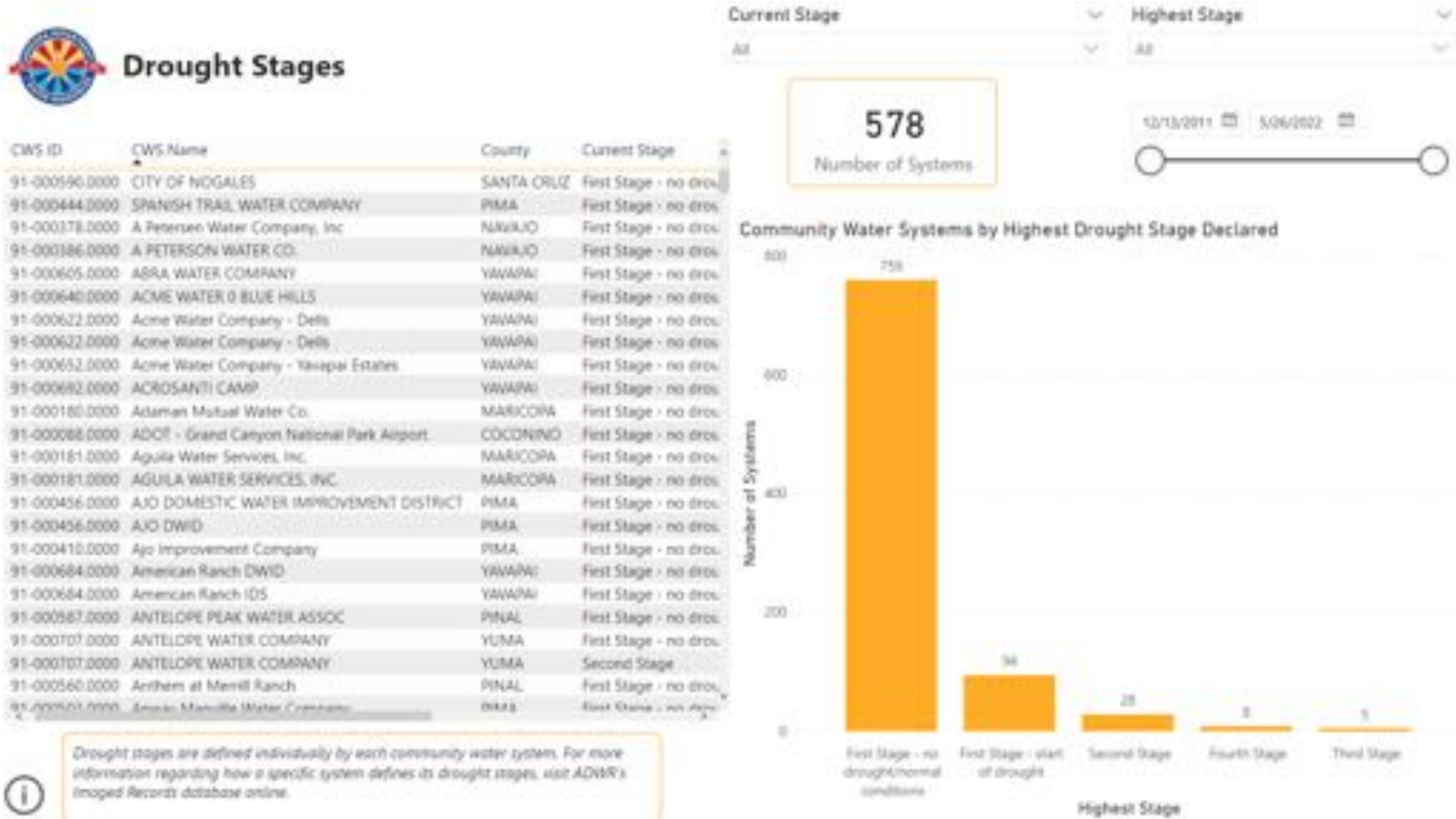
- Provides assistance to rural areas with expanding populations, limited groundwater resources, and unique environmental features
- Funding for Rural Water Studies
- Examples of groups in Northern Arizona:
 - Northern Arizona Municipal Water Users Association
 - Coconino Plateau Water Advisory Council
 - Little Colorado River Watershed Coordinating Council
 - Oak Creek Watershed Council
 - Mohave County Water Authority
 - Friends of the Verde River

Community Water Systems

- Community Water System (CWS) refers to any water system that serves 15 or more service connections used by year-round residents
- Large CWSs (serve more than 1,850 residents) and small CWSs
- Required to complete annual water-use reports and system water plans, which include a drought plan

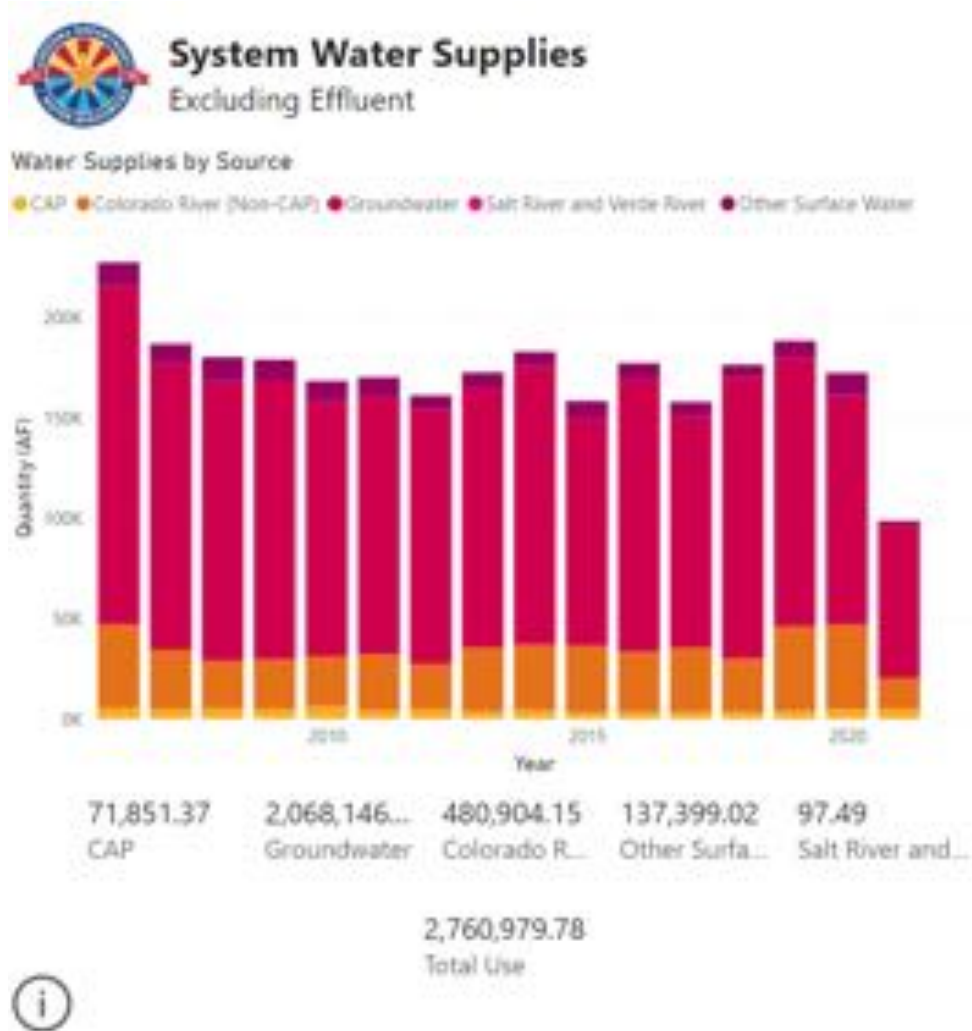


Community Water Systems Data Dashboard



Community Water Systems

Data Dashboard

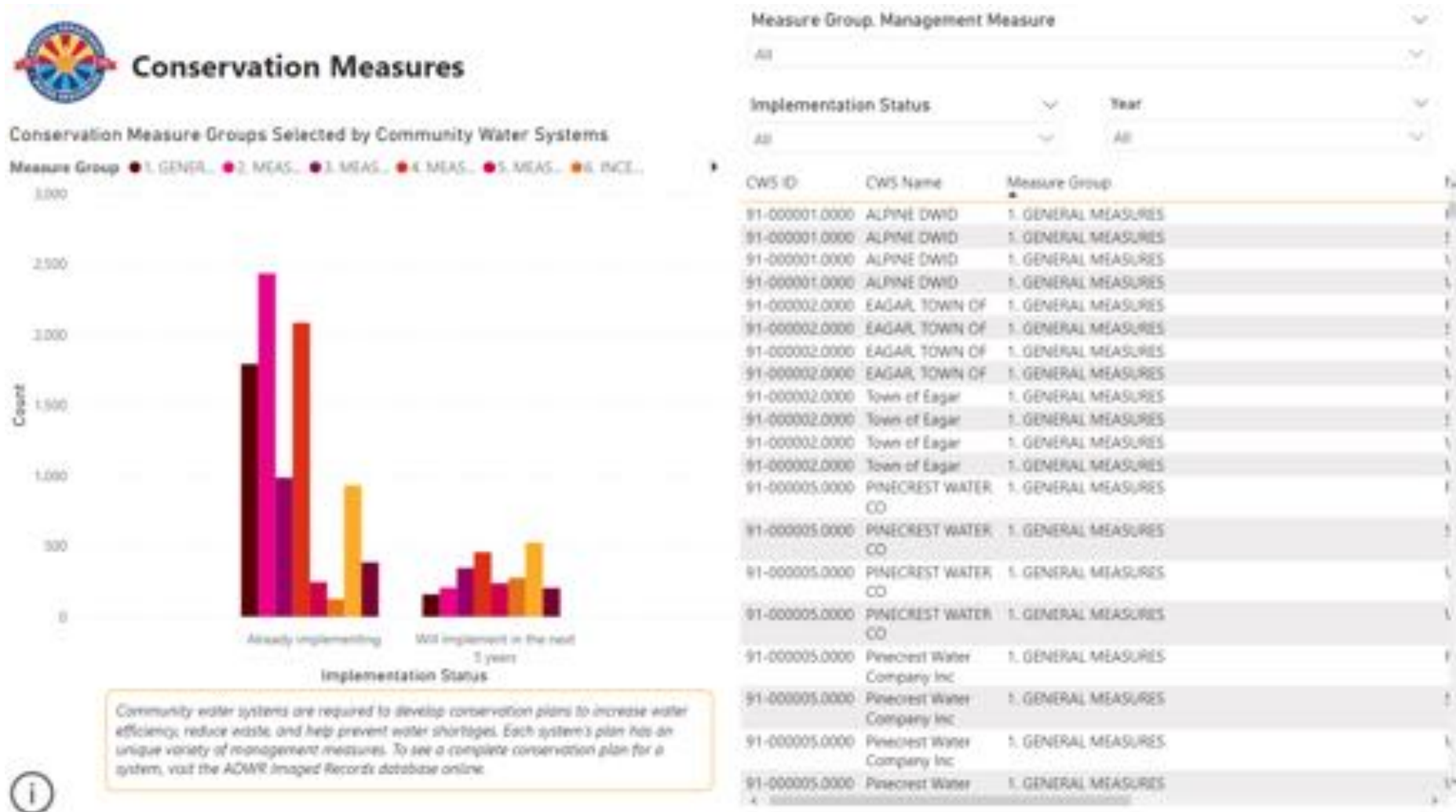


Year: All

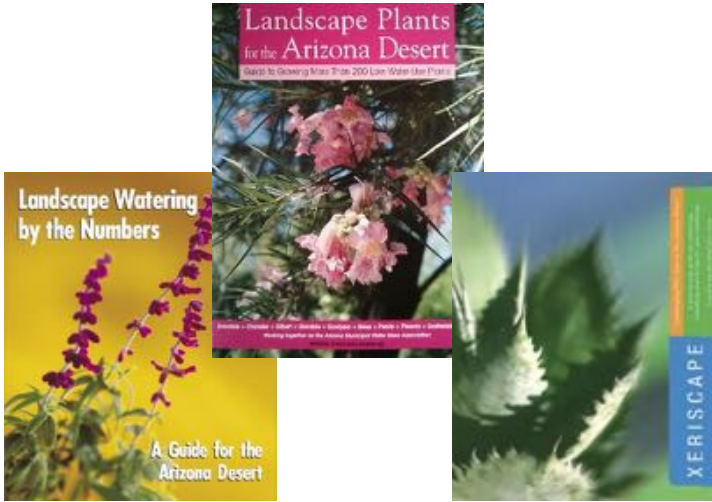
CWS ID	CAP	Colorado River (Non-CAP)	Groundwater	Other Surface Water	Salt River and Verde River
91-000318.0000	0.00	17,735.96	193,709.05	0.00	
91-000123.0000	0.00	0.00	148,447.57	0.00	
91-000316.0000	0.00	0.00	132,950.94	0.00	
91-000086.0000	0.00	0.00	96,799.26	35,769.75	
91-000322.0000	0.00	15,969.01	77,276.47	0.00	
91-000031.0000	0.00	0.00	49,903.18	0.00	
91-000083.0000	0.00	0.00	49,352.48	0.00	
91-000710.0000	0.00	0.00	48,942.87	0.00	
91-000035.0000	0.00	0.00	48,438.79	0.00	
91-000716.0000	0.00	292,284.14	48,314.62	0.00	
91-000336.0000	0.00	0.00	47,564.08	0.00	
91-000044.0000	0.00	0.00	47,529.97	0.00	
91-000136.0000	0.00	0.00	39,396.30	0.00	
91-000747.0000	0.00	116.28	30,236.00	0.00	
91-	0.00	0.00	28,985.30	0.00	
Total	71,851.37	480,904.15	2,067,814.29	137,482.82	

Community Water Systems

Data Dashboard



Water Conservation Outreach Program



Drought Condition Monitoring Observer Reports

National Drought Mitigation Center, University of Nebraska

Dashboard Year to Date

Dashboard 2018 - Yesterday

Detail Year to Date

Detail 2021

Detail 2020

Detail 2019

Detail 2018

Info

Filter Options

Select Date Range

Predefined Calendar

Year to Date

Past 30 Days

Past 7 Days

Select State

Select one or more

Select County

Select State First

Select How Dry or Wet

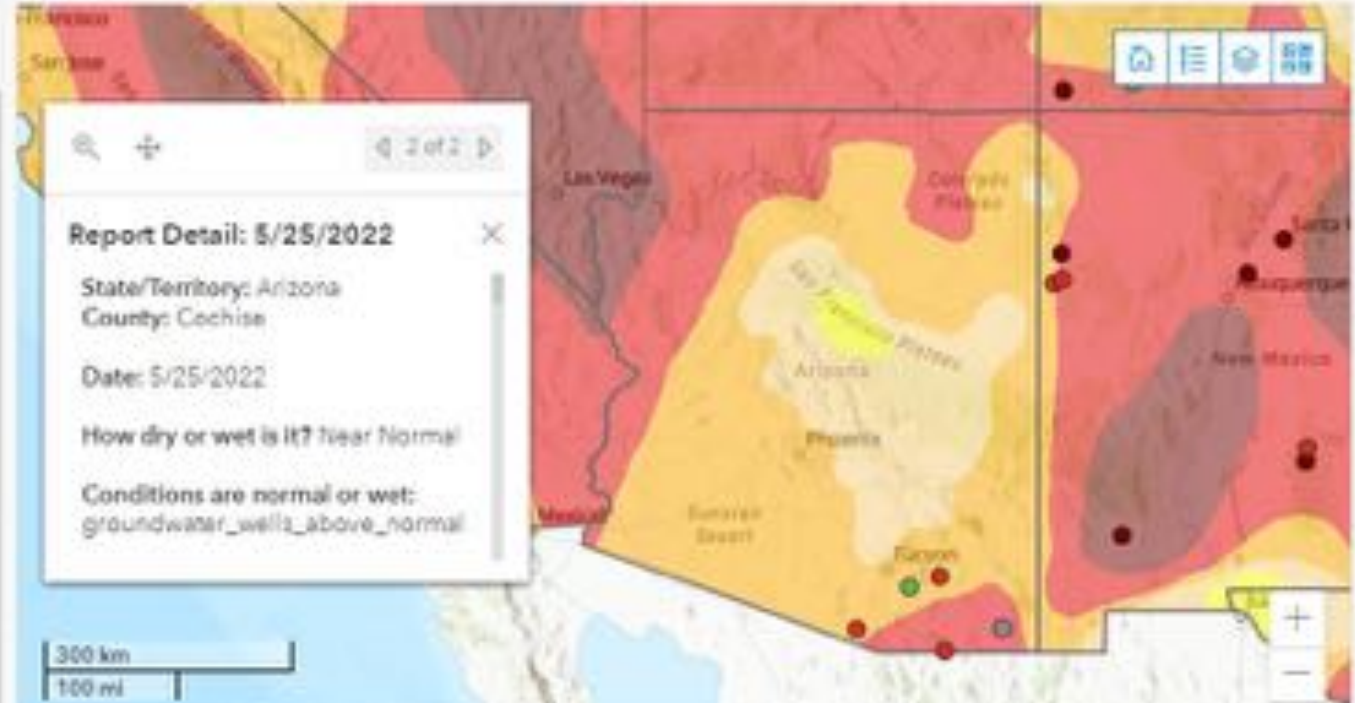
Select one or more

Reports with Photos

Show All Reports



NATIONAL DROUGHT
MITIGATION CENTER
UNIVERSITY OF NEBRASKA



Enr, USGS | Enr, HERE, Garmin, FAO, NOAA, USGS, EPA | The U.S. Drought Monitor is produced through a partnership. Powered by Enr
Click on the Layer icon at the top-right of the map to view reports by impact category:

Year to Date CMOR Reports



* Click on the arrows below to scroll through category charts.

CMOR Reports

ADWR
Field
Services
CMOR

Thank you!

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Drought & Conservation Coordinator

Arizona Department of Water Resources

