

Prescott's

LITTLE CHINO AQUIFER

Water Supply... Plenty?

YOU DECIDE USING REAL ADWR, (ARIZONA DEPARTMENT OF WATER RESOURCES), WELL DATA

YOU JUDGE...

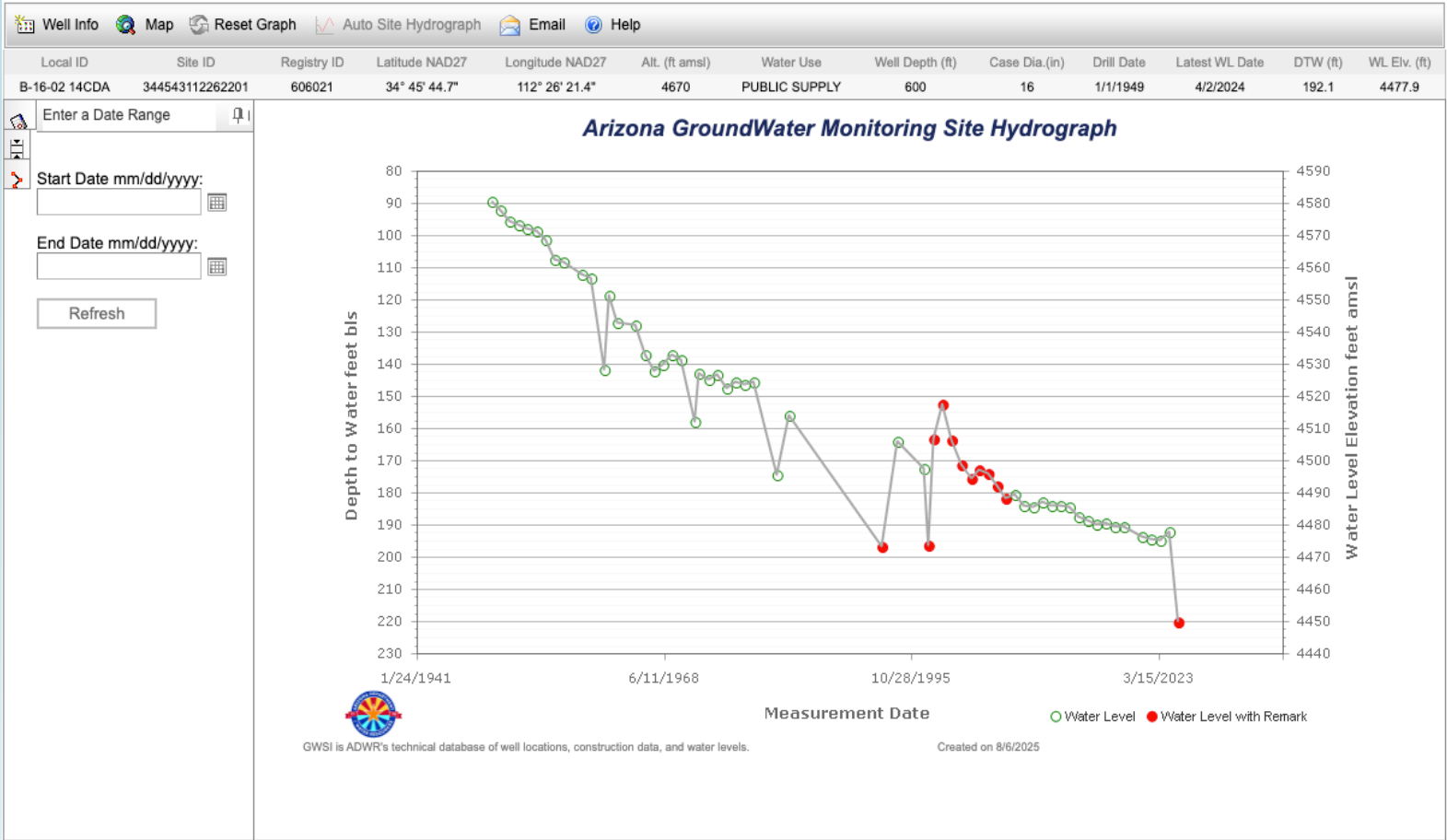
SUSTAINABLE - OR NOT?

SAFE YIELD - OR NOT?

Prescott's Production Well #606021

WHERE YOU WILL FIND THIS
DATA? ... ADWR WELL
MEASUREMENTS

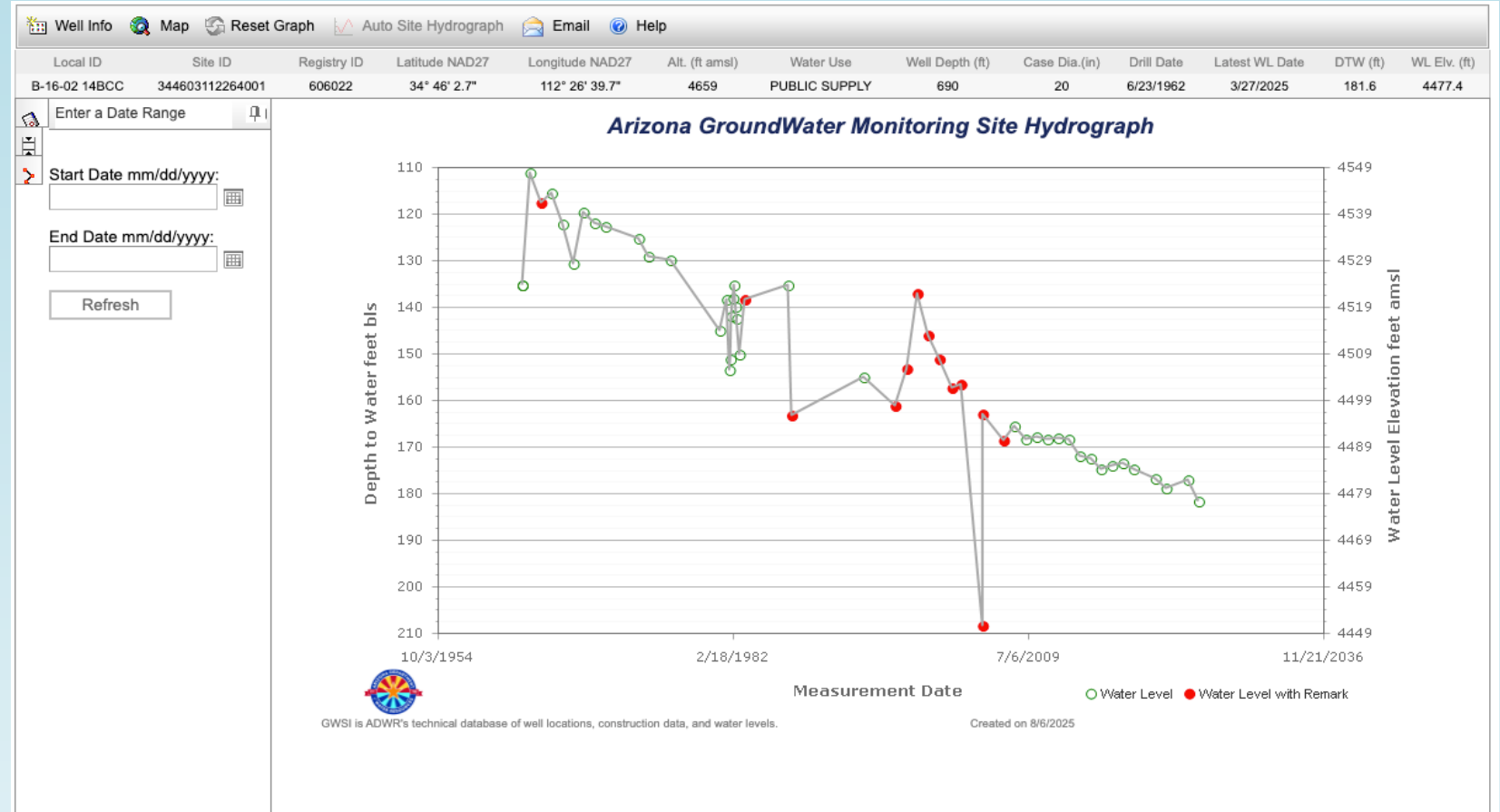
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Prescott's Production Well #606022

WHERE YOU WILL FIND THIS
DATA? ... ADWR WELL
MEASUREMENTS

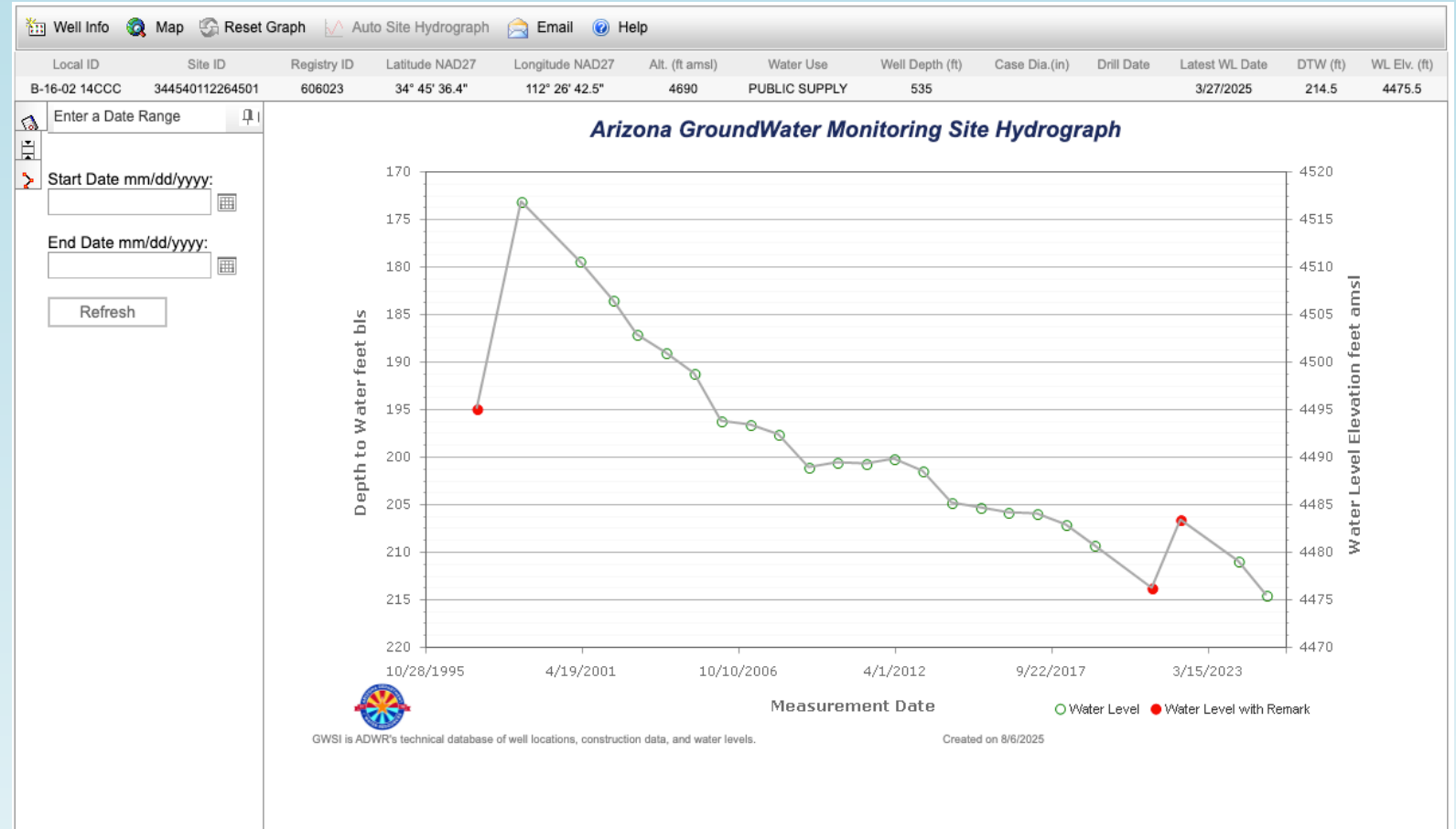
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Prescott's Production Well #606023

WHERE YOU WILL FIND THIS
DATA? ... ADWR WELL
MEASUREMENTS

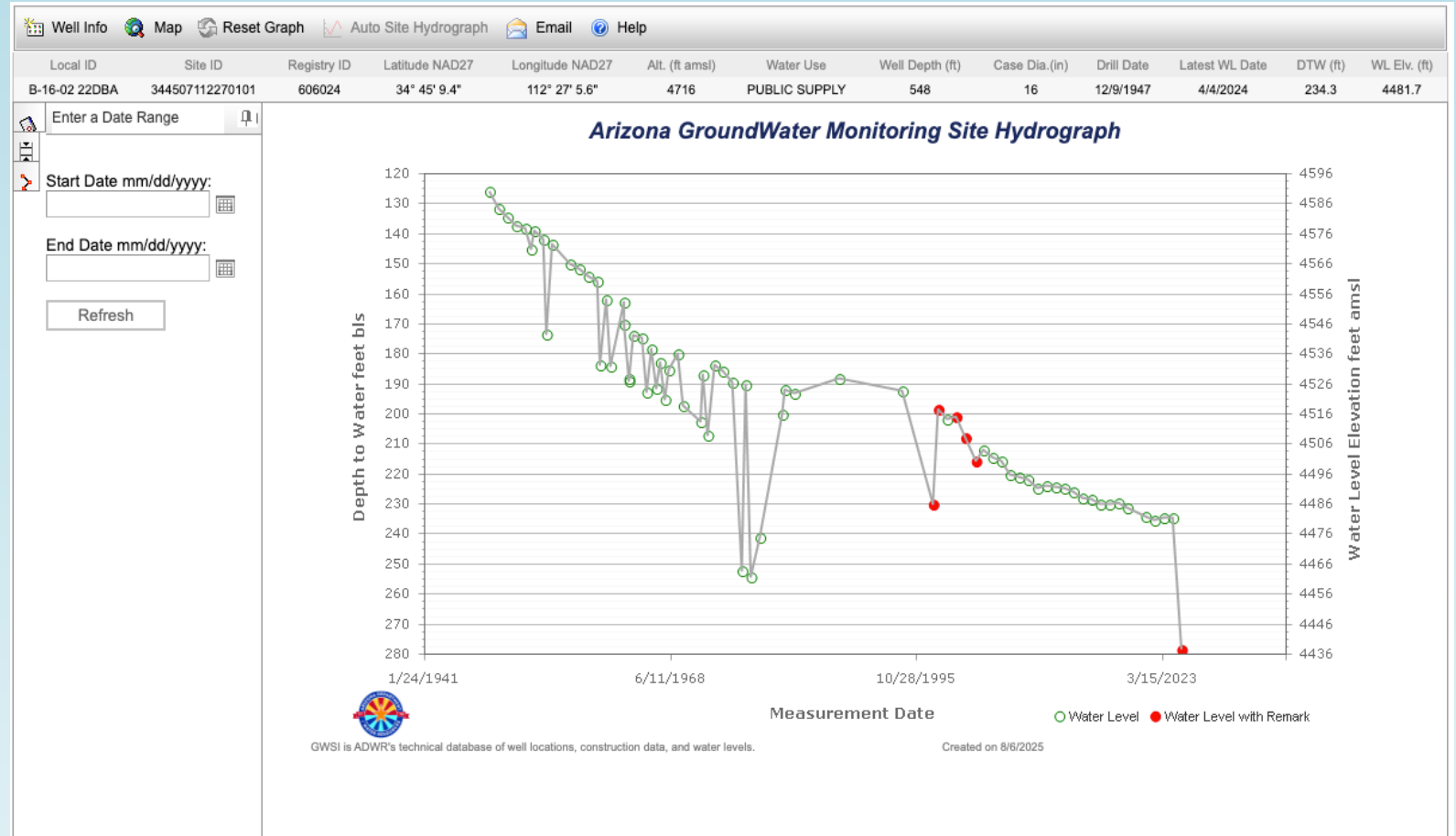
<https://app.azwater.gov/gwsi/Hydrograph.aspx?SiteID=344540112264501&ObjectID=8157175>



Prescott's Production Well #606024

WHERE YOU WILL FIND THIS
DATA? ... ADWR WELL
MEASUREMENTS

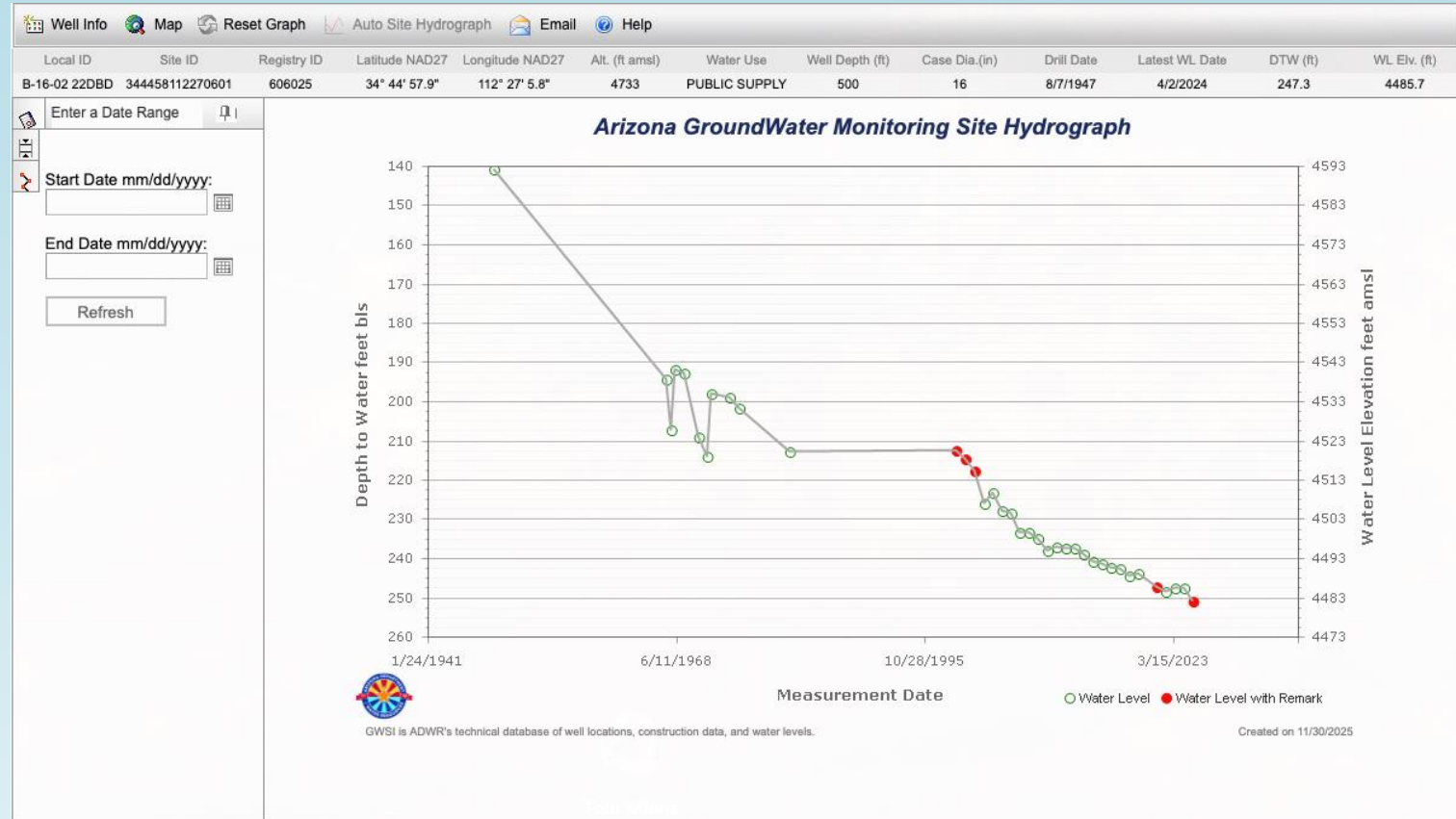
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Prescott's Production Well #606025

WHERE YOU WILL FIND THIS
DATA? ... ADWR WELL
MEASUREMENTS

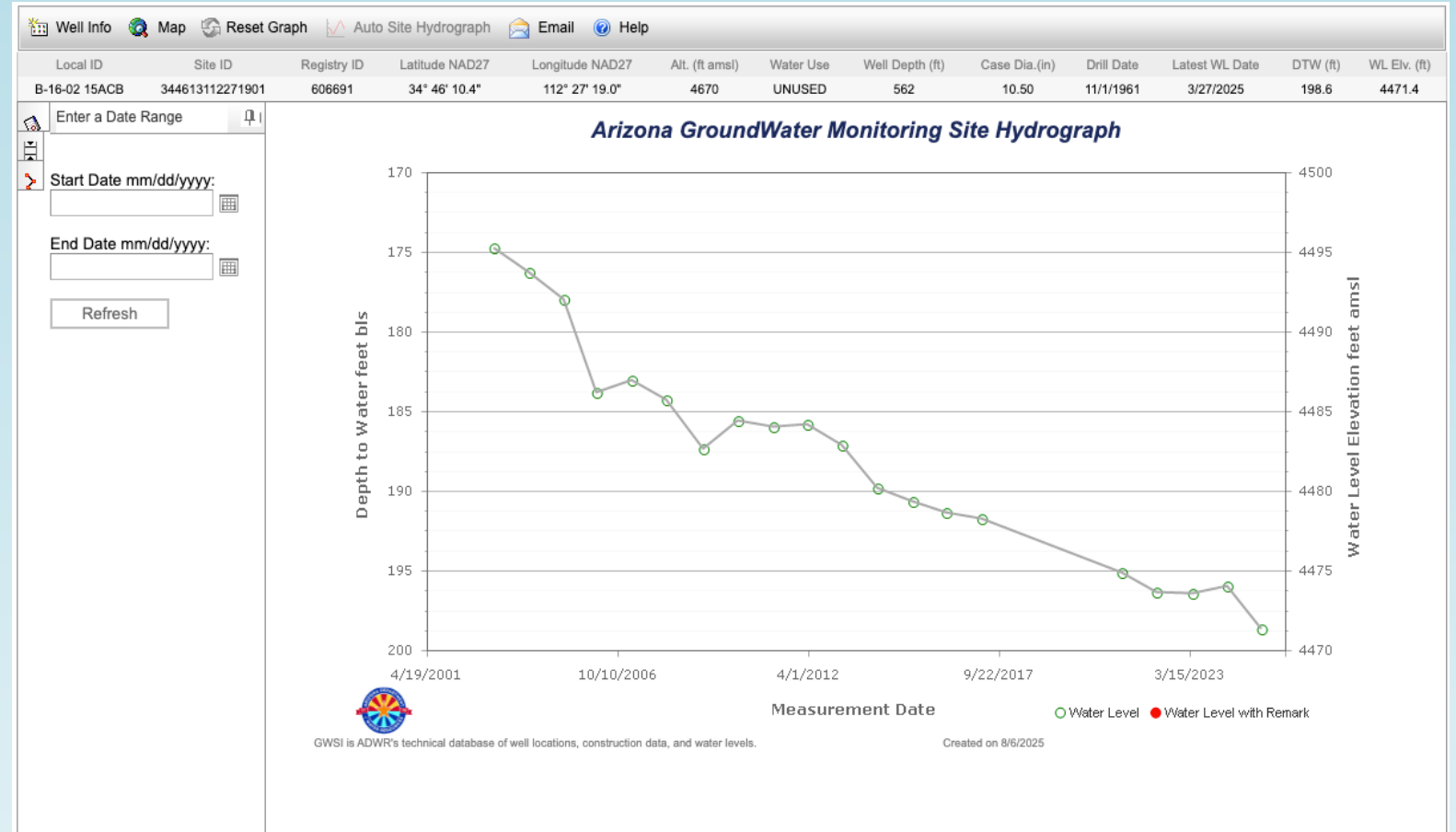
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Prescott's Production Well #606691

WHERE YOU WILL FIND THIS
DATA? ... ADWR WELL
MEASUREMENTS

<https://app.azwater.gov/gwsi/Hydrograph.aspx?SiteID=344613112271901&ObjectID=8131506>



Prescott's AIRPORT RECHARGE Well #5

- Several wells near the Prescott Airport historically serve as part of the city's groundwater pumping network.
- "Airport Well #5" was removed from service due to detection of PFAS ("forever chemicals").
- The city states the current drinking-water system meets EPA PFAS standards after removing the contaminated well.
- The aquifer beneath the airport and recharge basins may still contain PFAS, but no public datasetfully maps current levels.
- Recharge facilities near airports can be vulnerable due to legacy firefighting foam (AFFF), jet-fuelresidues, and industrial runoff.

Key Points:

1. Airport Well #5:

- ADWR SiteID: 344458112270601
- **Removed from service** after PFAS detected above EPA threshold.
- City's public supply no longer uses this well.
- PFAS source likely tied to historical airport firefighting foam use.

2. Other Airport-Area Wells:

- Several other wells exist in the airport zone, historically used for municipal pumping.
- City reports indicate all **active wells** meet current PFAS standards.
- No publicly released PFAS maps showing recharge-zone contamination by well... **WHY?**

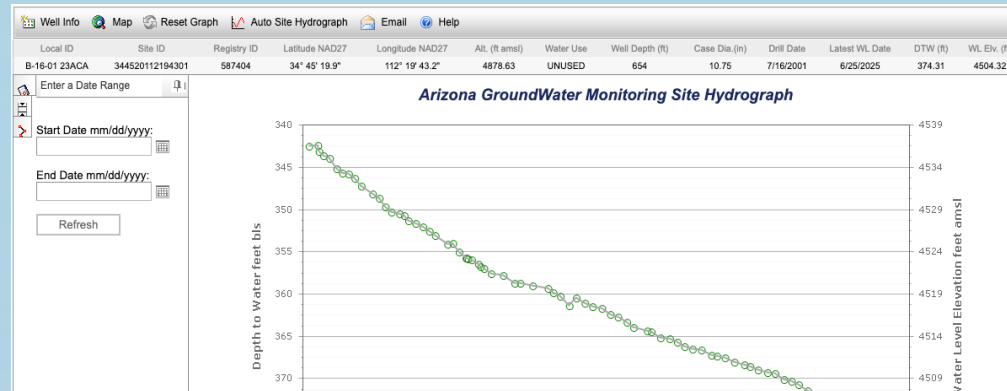
3. Recharge Zone Status:

- Airport recharge basins are in an area of elevated PFAS concern nationally for similar facilities.
- Groundwater beneath recharge areas may carry legacy PFAS; no recent public groundwater PFAS dataset was identified.
- City drinking water remains compliant due to strategic well shutdown, not necessarily aquifer cleanup.

PRESCOTT'S ADWR REAL-TIME MONITORING Well # 587404

WHERE YOU WILL FIND THIS DATA? ... ADWR WELL MEASUREMENTS

<https://app.azwater.gov/gwsi/HydrographAuto.aspx?SiteID=344520112194301&ObjectID=8136013>



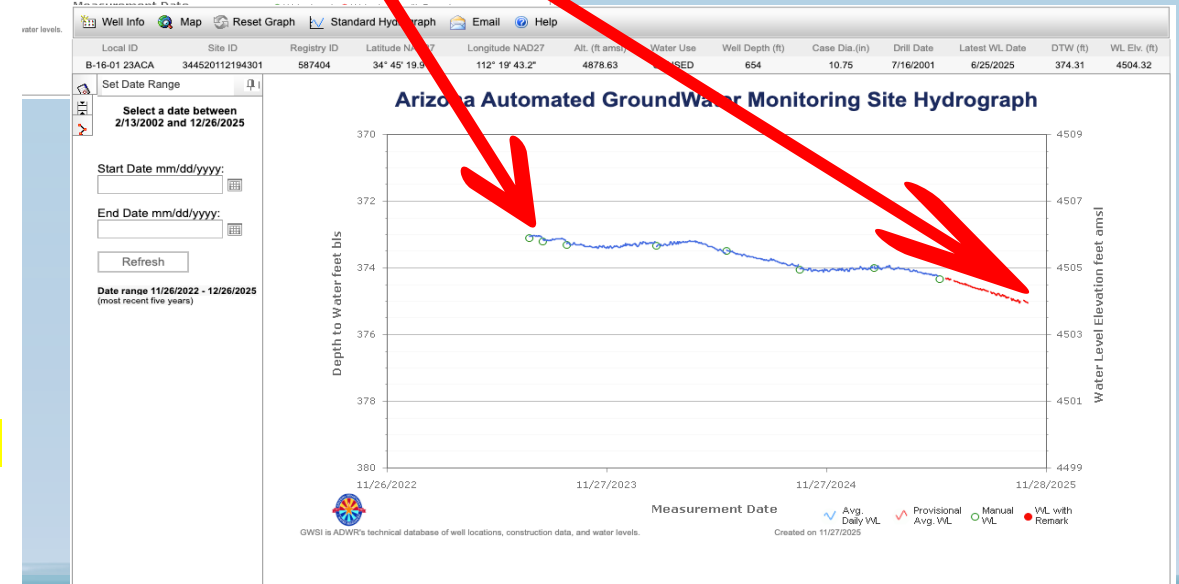
THE TOP CHART is the original graphic showing last ~25 years of CONSTANT water level DROPPING.

I THINK that political pressure HAS caused ADWR to make their charts less "SCARY"!!

The LOWER GRAPHIC shows only last three years and when you flatten a chart out like that it doesn't look so "DAUNTING"??

In fact there is actually a relative flat spot, which we are actually looking for... but SADLY the trend is DOWN!!!!

NOT SUSTAINABLE, NOT SAFE YIELD!!!!



SPREAD SHEET SHOWING ~ DATA & AVERAGE WATER DEPLETION FROM EACH PRODUCTION WELL

WELL #	START	END	TOTAL YEARS	DEPTH H ₂ O START	DEPTH H ₂ O END	TOTAL LOSS	<u>AVE YEARLY LOSS IN FEET</u>
606021	1941	2025	83	90	220	130	<u>1.6</u>
606022	1962	2025	62	110	185	75	<u>1.2</u>
606023	1998	2025	27	173	215	42	<u>1.6</u>
60624	1947	2024	76	125	280	155	<u>2.0</u>
606025	1947	2024	76	140	255	115	<u>1.5</u>
606091	1961	2025	63	174	198	24	<u>0.4</u>
587404	2001	2025	24	343	374	31	<u>1.3</u>
SO... IS -1.4 DROP AVERAGE EACH YR. SUSTAINABLE/SAFE YIELD?						AVE DROP/YEAR	<u>1.4</u>

IF YOU HAVE A FOUNTAIN DRINK THAT CONSTANTLY YOU SLOWLY SUCK DOWN, WITH NO WAITRESS TO FILL IT UP... SUSTAINABLE?
NO! EVENTUALLY THERE IS THAT GIANT...

SUCKING SOUND