



## International Boundary and Water Commission United States Section

For immediate release  
July 23, 2024

### **USIBWC to present research on Rio Grande hydrology at August 6 Lower Rio Grande Citizens Forum Public Meeting**

Dr. Maria-Elena Giner, P.E., Commissioner of the U.S. Section of the International Boundary and Water Commission (USIBWC), and USIBWC Hydrologist Delbert Humberson will discuss research the agency has done on Rio Grande hydrology at the Lower Rio Grande Citizens Forum in-person and virtual public meeting on Tuesday, August 6, 2024, from 1:30 p.m.-3:30 p.m. CDT.

The USIBWC has begun sharing this information with congressional representatives and other stakeholders to encourage a regional discussion on building resiliency in the region with less dependence on Mexico's water.

“I believe it is important that local stakeholders understand the impact drought has on the reduction of inflows from U.S. rivers and unmeasured tributaries,” Commissioner Giner said. “This is water that is no longer reaching the river and is not part of Mexico's treaty deliveries.”

Joseph Tritz, Maintenance Supervisor for the USIBWC Mercedes Field Office, will give an update on field office activities. He will cover the role and responsibilities of the field office's maintenance and operations department.

The public meeting will be held in person at:

**USIBWC Mercedes Field Office  
325 Golf Course Road  
Mercedes, TX 78570**

The public meeting will also be held virtually. [Click here to join the meeting](#). If possible, it may be helpful for you to test connectivity on your own prior to the meeting by clicking on the “Join” link and ensuring your camera and microphone are functioning. Or join by phone: Call-in number +1 872-240-1286 Phone conference ID: 689 870 253#

For those connecting via phone, the presentations will be available before the start of the meeting. Go to the Lower Rio Grande Citizens Forum page <https://bit.ly/3MVCpyV> and look for the links for the 4/2/2024 meeting.

If you would like to speak during the public comment period, please sign up ahead of time by contacting Frank Fisher at [frank.fisher@ibwc.gov](mailto:frank.fisher@ibwc.gov) or 915-494-6027 by noon on August 2, 2024.

News Media Contacts:  
Frank Fisher  
[frank.fisher@ibwc.gov](mailto:frank.fisher@ibwc.gov)  
915-494-6027

**LOWER RIO GRANDE CITIZENS FORUM**  
**Tuesday, August 6, 2024, from 1:30 p.m.-3:30 p.m. CDT.**

**IBWC Mercedes Field Office**  
**325 Golf Course Road**  
**Mercedes, TX 78570**

**And Via Teams**

**Agenda**

- **Welcome and Introductions** – Co-chairs
- **Hydrology of the Rio Grande, Water Deliveries, and the Minute Status** – Dr. Maria-Elena Giner, P.E., USIBWC Commissioner, Hydrologist Delbert Humberson
- **Mercedes Field Office Activities** – Joseph Tritz, Field Office Maintenance Supervisor
- **Public Comment**
- **Board Discussion**
- **Suggested Future Agenda Items**

If you have a disability that you wish to self-identify confidentially that requires accommodation, please advise us ahead of time. For more information call Frank Fisher at [frank.fisher@ibwc.gov](mailto:frank.fisher@ibwc.gov) or 915-494-6027.

## **Microsoft Teams meeting**

**Join on your computer, mobile app or room device: [Click here to join the meeting](#)**

Meeting ID: 291 402 026 584  
Passcode: RY5aNB

[Download Teams](#) | [Join on the web](#)

**Or call in (audio only)**

+1 872-240-1286,,689870253#

Phone conference ID: 689 870 253#





# INTERNATIONAL BOUNDARY AND WATER COMMISSION

UNITED STATES SECTION

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## Update on Hydrology of the Rio Grande, Water Deliveries, and Minute Status

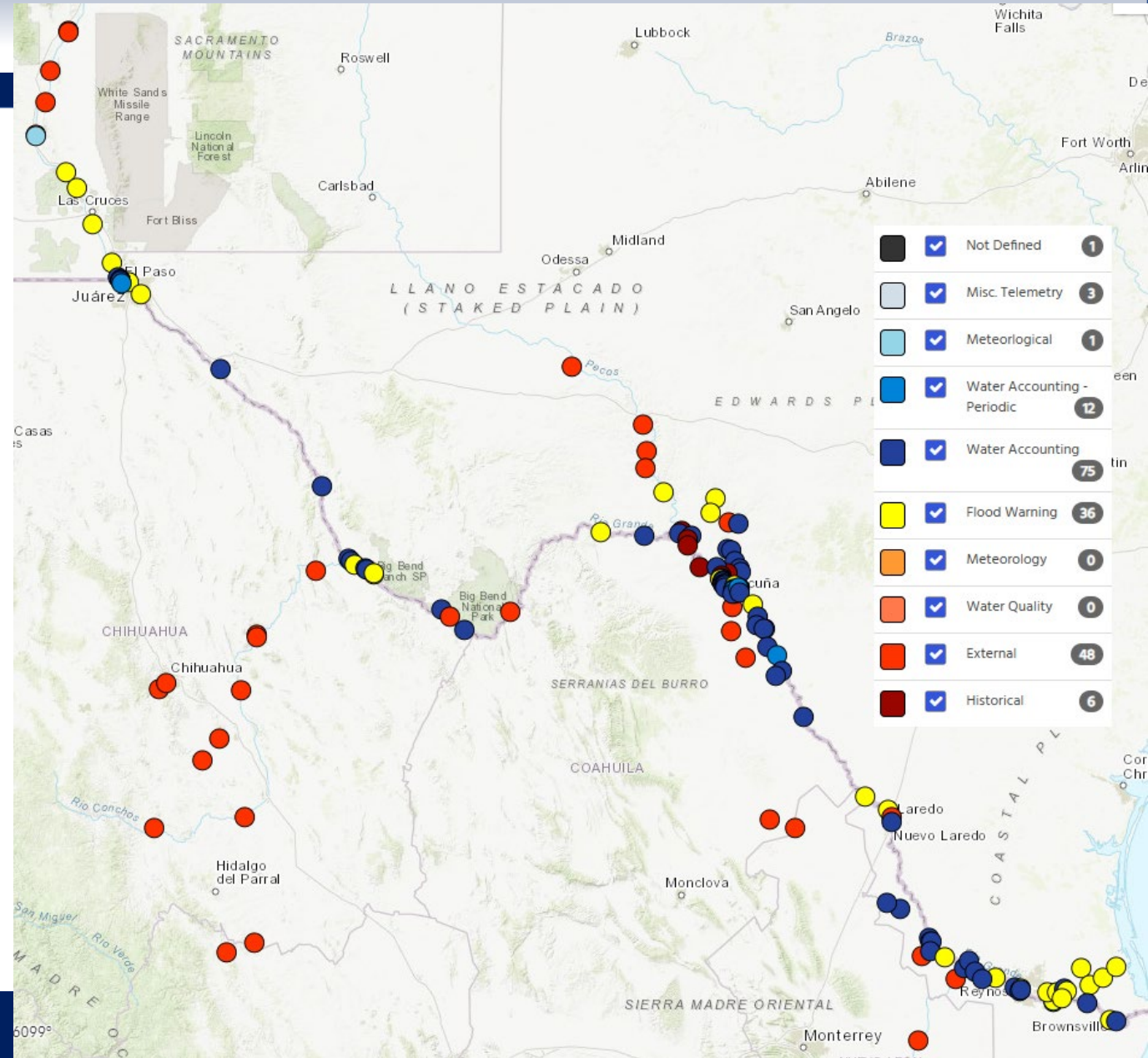
Dr. Maria-Elena Giner, P.E.  
Commissioner U.S. Section

Adrian Cortez - Lead Hydrologist  
Delbert Humberson - Hydrologist



# RIO GRANDE BASIN TRENDS

- Commission Binational Stream Gage Program (1930s)
- Water Accounting Program (1950s)
  - Total Volume of Inflow for U.S. & Mexico
  - Archival of Inflow Ownerships Began in 1981
  - River Evaporative Losses
- Where is our water coming from?





# AMISTAD DAM AND RESERVOIR

- U.S. Inflows into Amistad Reservoir
  - Rio Conchos (One-third or Minute 234)
  - Terlingua & Alamito Creeks
  - Pecos and Devils Rivers
  - Goodenough Springs
  - 50% of any other flows not otherwise allotted. (Runoff)



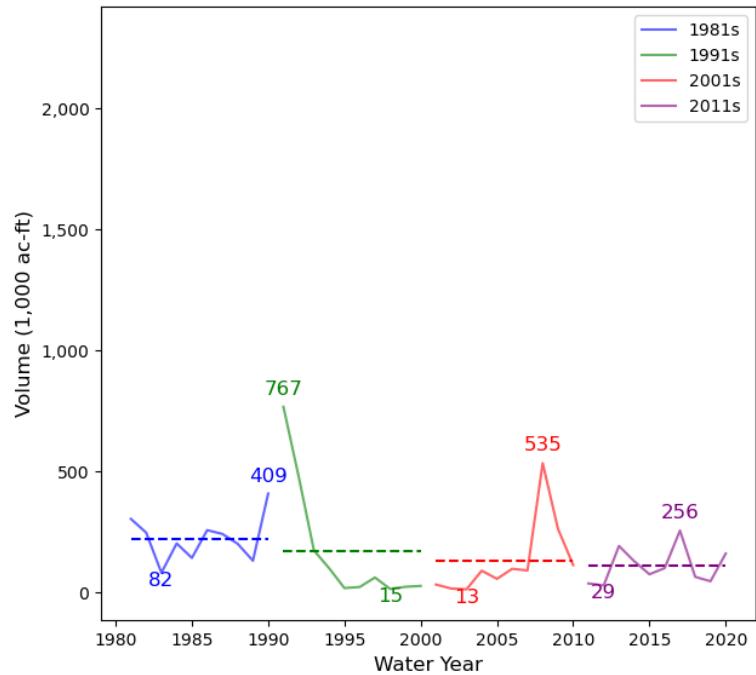


# SUMMARY OF APPROACH

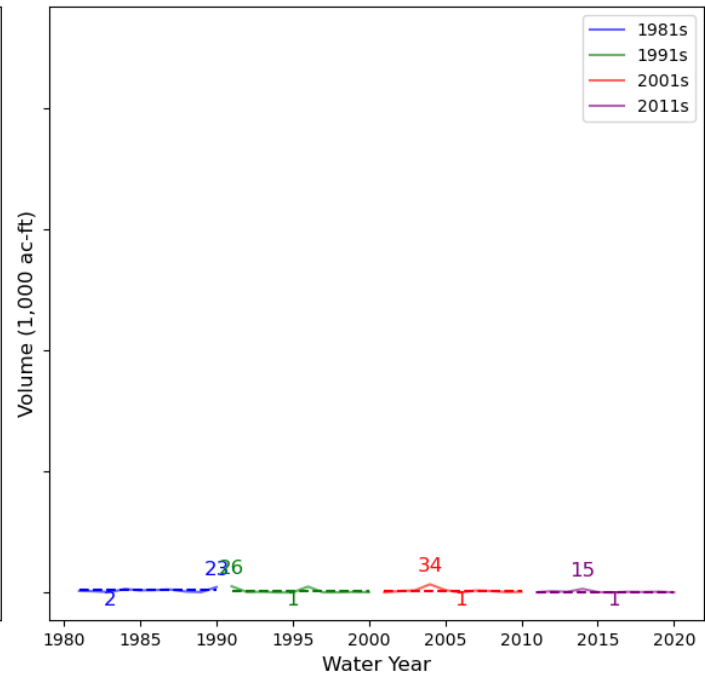
- What we know.
  - Total inflows assigned to each country
  - Ultimately this is what gets allocated to users
- What we are estimating.
  - How much came from Conchos or Terlingua, Pecos or Unmeasured Run-off
  - Tracking it down the river



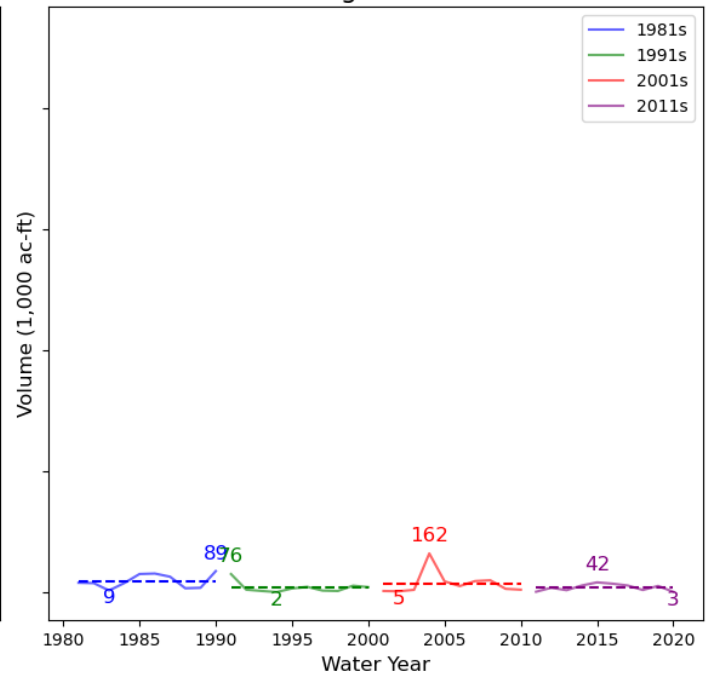
U.S. Rio Conchos at Amistad



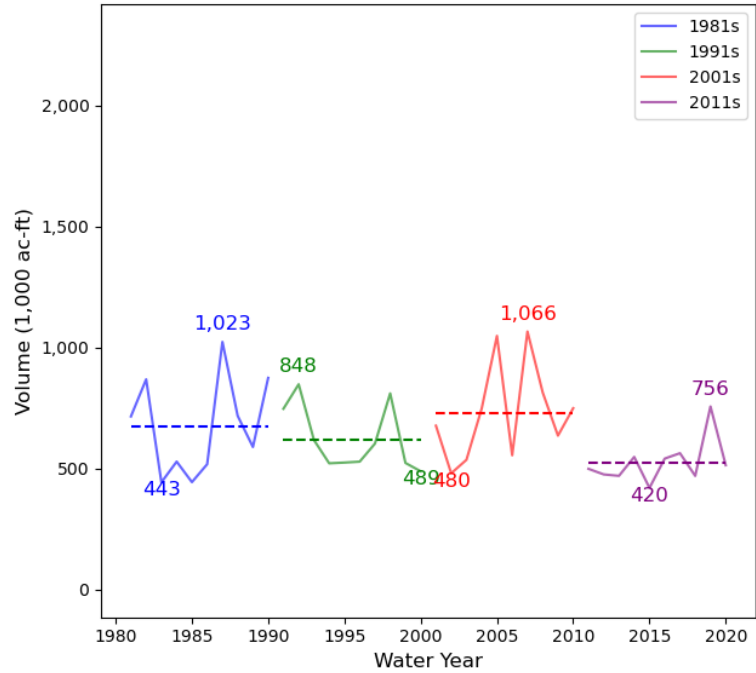
U.S. Alamito at Amistad



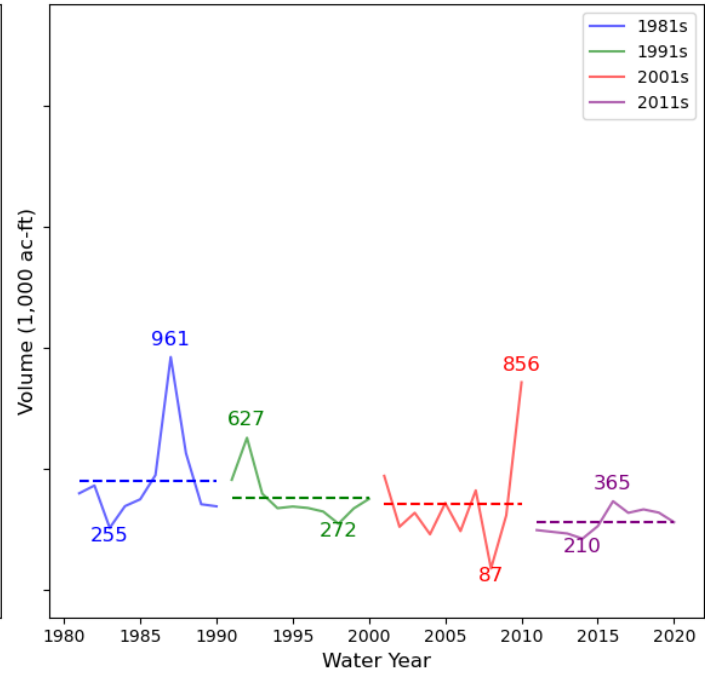
U.S. Terlingua at Amistad



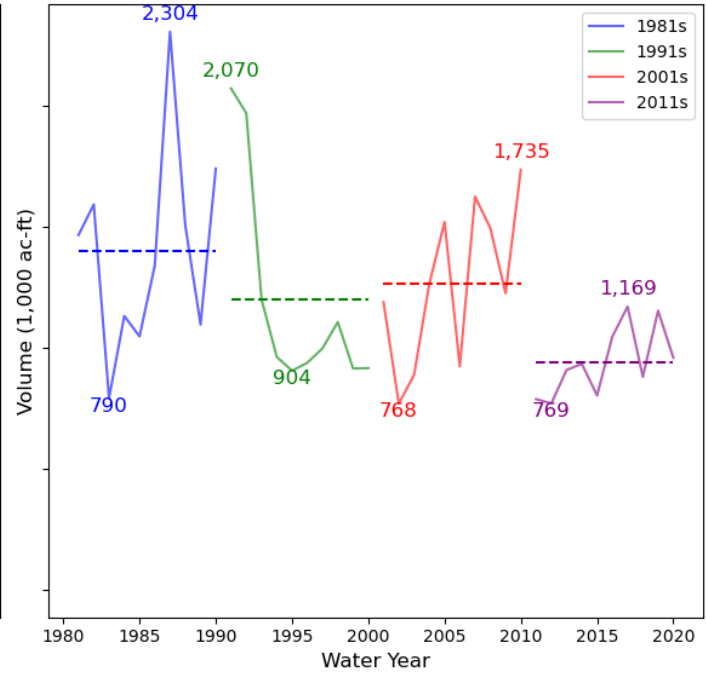
U.S. Pecos & Devils & Springs Inflow to Amistad



U.S. Unmeasured Tribs. Upstream of Amistad Dam



U.S. Inflows Amistad

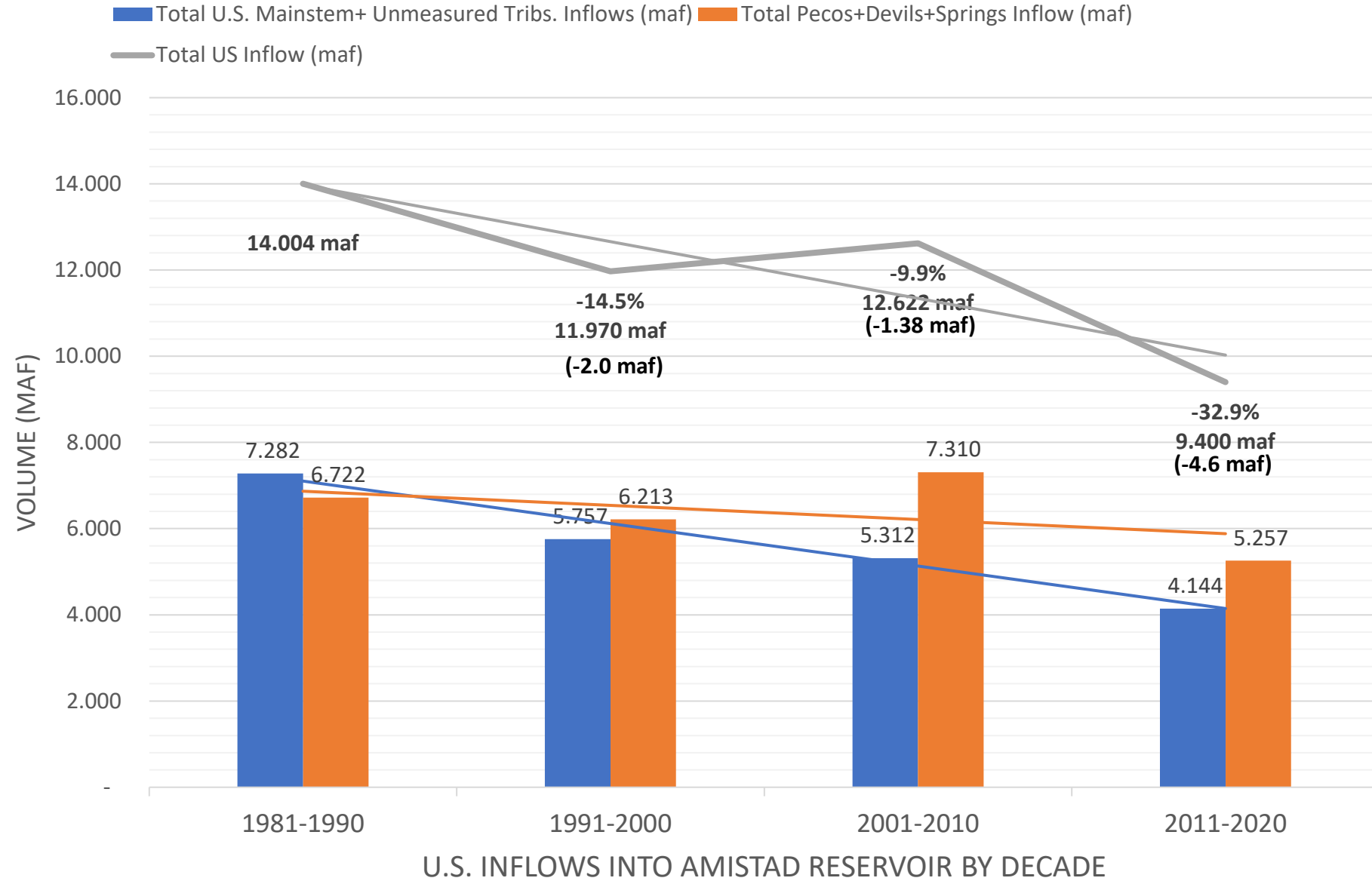




# Amistad Dam

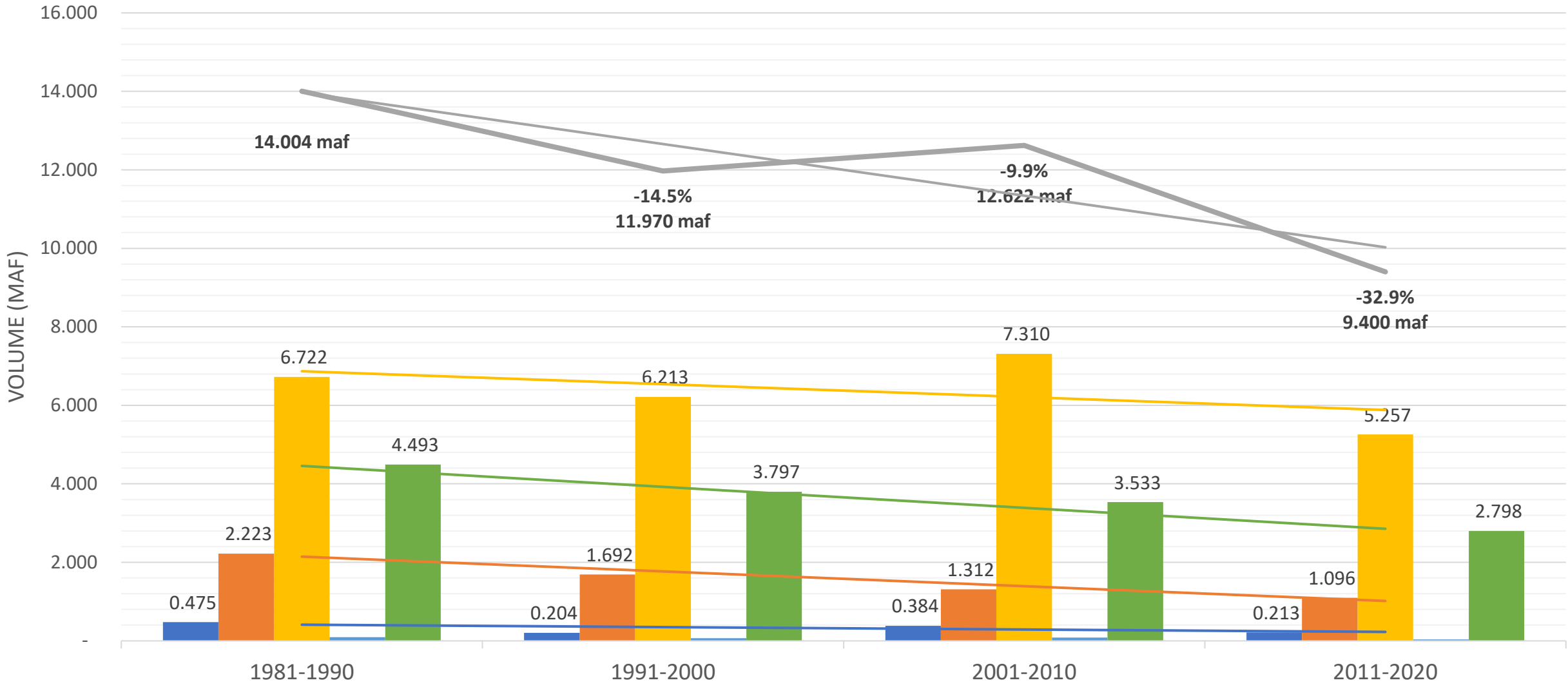
- Last 10 – Compared to 2000s**
  - 3.2 maf less in Total U.S. Inflow
  - 2.1 maf less from U.S. Tribs. flowing into Amistad
  - 1.1 maf less from the Mainstem U.S. Inflows
- Last 10 - Compared to 1980s**
  - 4.6 maf less in total U.S. Inflow
  - 1.5 maf less from U.S. Tribs. flowing into Amistad
  - 3.1 maf less from the Mainstem U.S. Inflows

## 10-Year Volume Totals - U.S. Inflows into Amistad Reservoir (million ac-ft)



# 10-Year Volume Totals - U.S. Inflows into Amistad Reservoir (million ac-ft)

- U.S. Terlingua at Amistad
- U.S. Rio Conchos at Amistad
- Pecos & Devils & Springs Inflow to Amistad
- U.S. Alamito at Amistad
- Unmeasured Tribs. Upstream of Amistad Dam
- U.S. Inflows Amistad

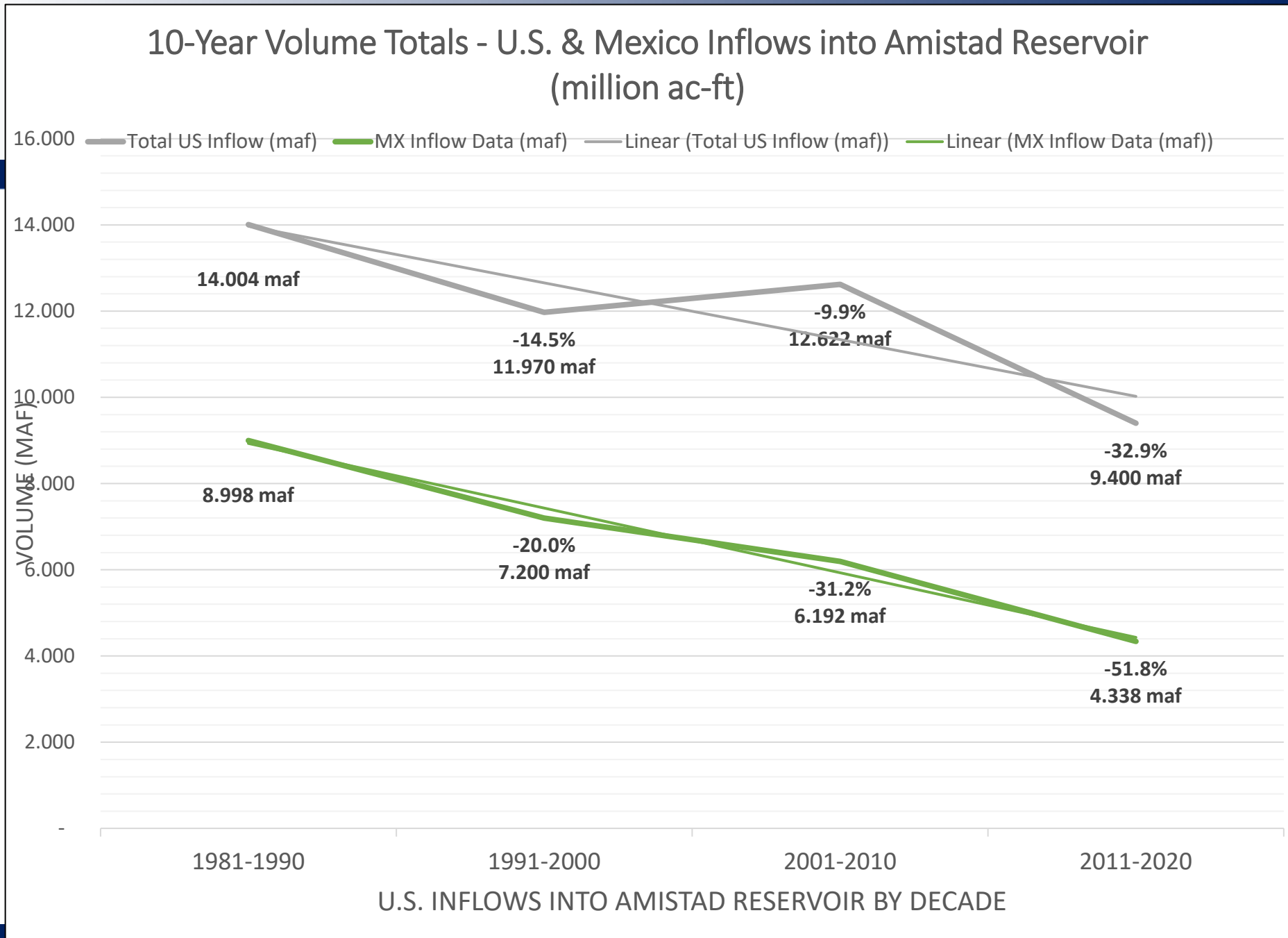


U.S. INFLOWS INTO AMISTAD RESERVOIR BY DECADE



# Amistad Dam

- **Data Source is Binational Rio Grande Accounting**
- **Mexico Inflows**
  - **52 % Decline since 1980s**
- **MX Includes**
  - **Rio Conchos (allotted)**
  - 50% Unmeasured Tribs. & Springs
- **U.S. Includes**
  - **Alamito, Terlingua, Devils, Pecos, U.S. Springs, Rio Conchos (allotted)**
  - 50% Unmeasured Tribs. & Springs





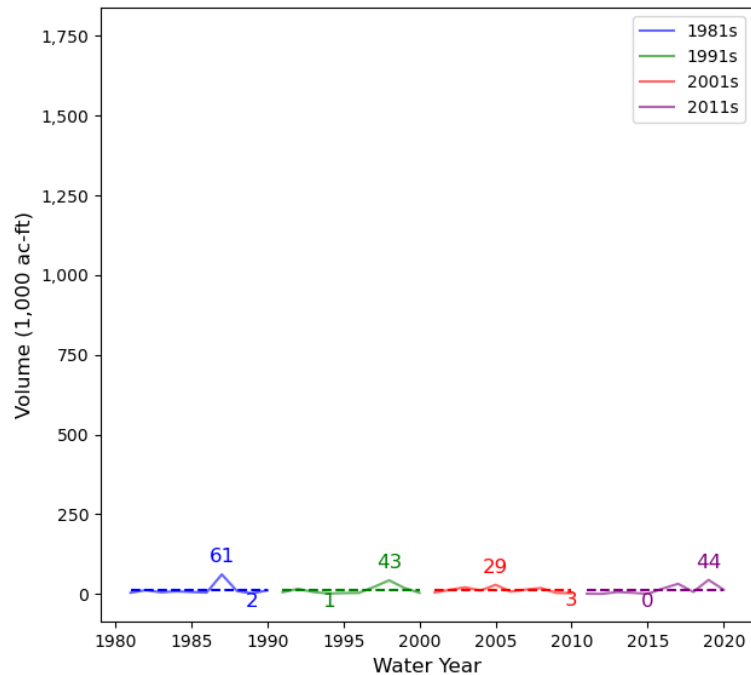


# FALCON DAM AND RESERVOIR

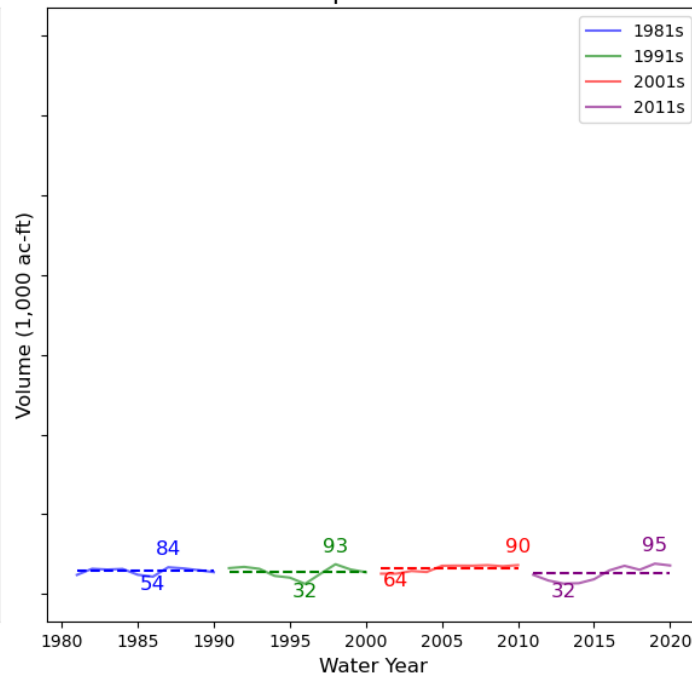
- U.S. Inflows into Falcon Reservoir
  - Arroyo de las Vacas
  - Rios San Diego, San Rodrigo, Escondido
  - Rio Salado
  - Pinto Creek
  - San Felipe Creek
  - 50% of any other flows not otherwise allotted. (Runoff)
- Amistad Release Removed



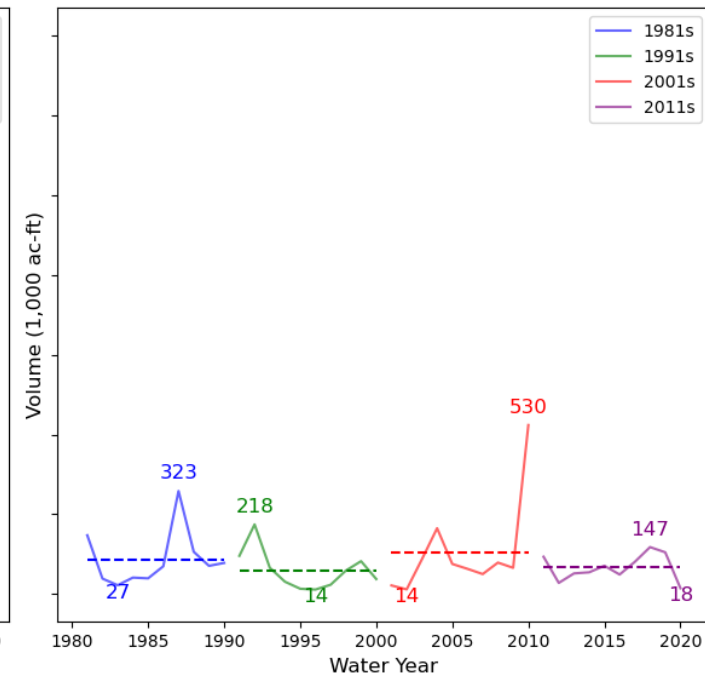
U.S. Pinto Creek at Falcon



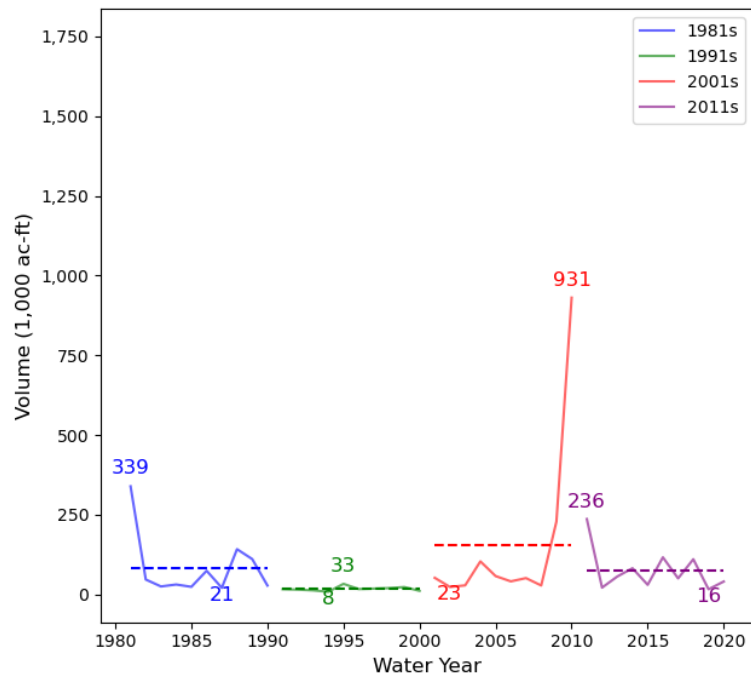
U.S. San Felipe Creek at Falcon



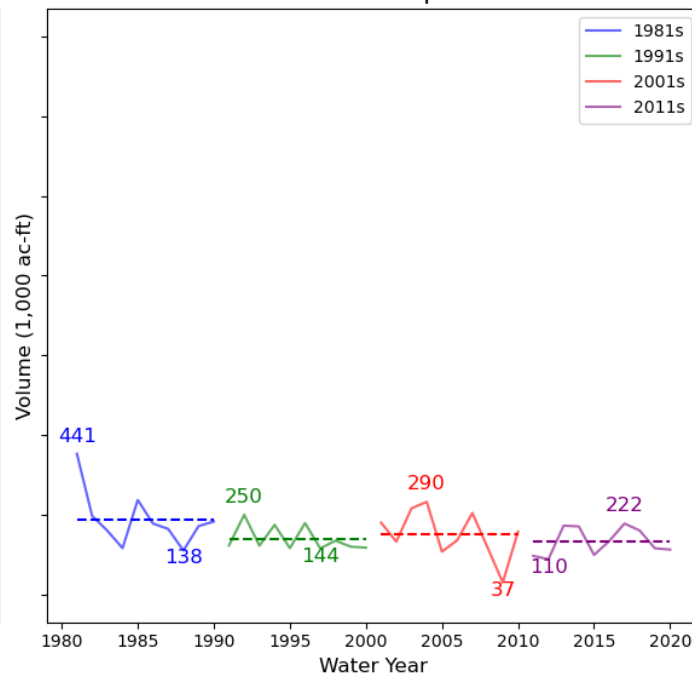
U.S. Middle Tribs. From Mexico



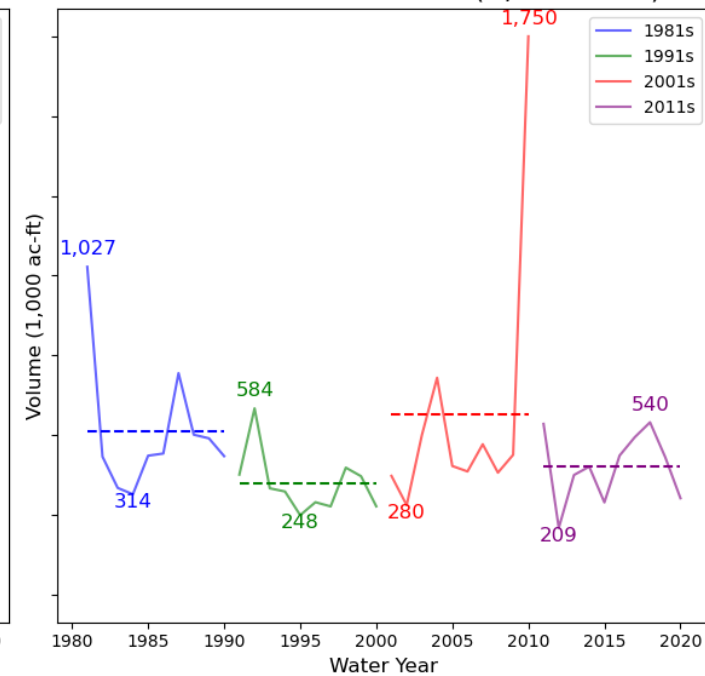
U.S. Rio Salado at Falcon



U.S. Unmeasured Tributaries Upstream of Falcon Dam



U.S. Total Mainstem Inflows (w/o Amistad)





# Falcon Dam

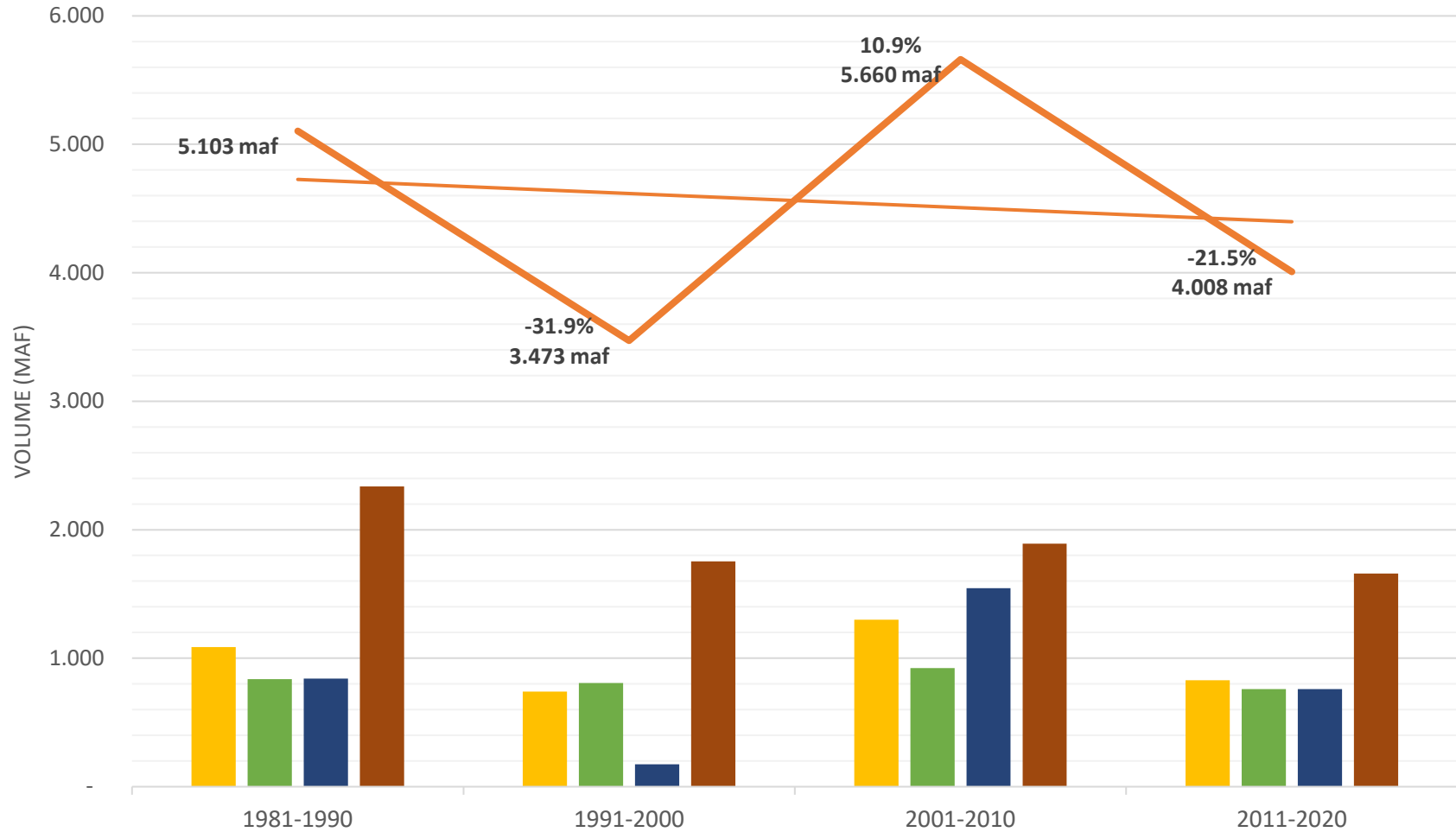
- **Last 10 – Compared to 2000s**

- **1.6 maf less** in Total U.S. Inflow
- **0.16 maf less** from U.S. Tribs. flowing into Falcon
- **1.26 maf less** from Mx Tribs. Flowing into Falcon
- **0.23 maf less** from Unmeasured Tributaries

- **Last 10 - Compared to 1980s**

- **1.1 maf less** in total U.S. Inflow
- **0.08 maf less** from U.S. Tribs. flowing into Falcon
- **0.34 maf less** from Mx Tribs. Flowing into Falcon
- **0.68 maf less** from Unmeasured Tributaries

10-WY Volume Totals - U.S. Trib. Inflows into Falcon Reservoir (million ac-ft)



U.S. INFLOWS INTO FALCON RESERVOIR BY DECADE (W/O AMISTAD RELEASES)



# INITIAL OBSERVATIONS

- Major Decline in Inflows into Amistad compared to 1980s
  - 33% Decrease or 460,000 acre-feet annually
  - U.S. Tribs. Declined 178,000 ac-ft (-24%)
  - Mx Tribs. Declined 113,000 ac-ft (-51%)
  - Unmeasured Tribs. Declined 170,000 ac-ft (-38%)
- Moderate Decline in Inflows into Falcon compared to 1980s
  - 21.5% or 110,000 acre-feet annually
  - U.S. Tribs. Declined 8,000 ac-ft (-9%)
  - Mx Tribs. Declined 34,000 ac-ft (-18%)
  - Unmeasured Tribs. Declined 68,000 ac-ft (-29%)

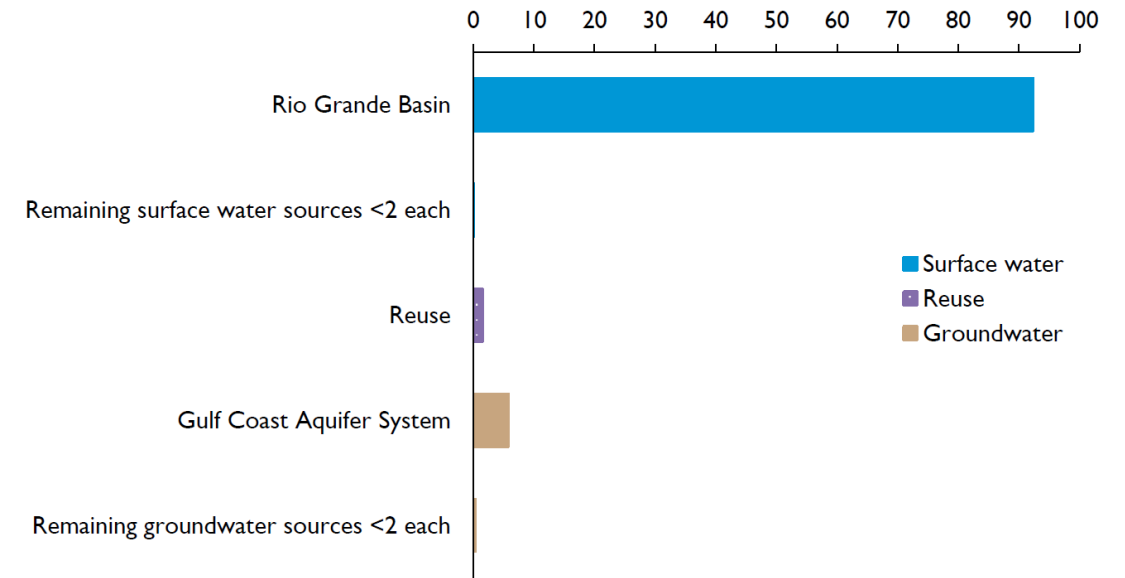


# STATEWATER PLAN 2022

**Table M.4 - Population, existing supplies, demands, needs, and strategies 2020–2070 (acre-feet per year)**

	Decade	2020	2030	2040	2050	2060	2070	Change
	<b>Population</b>	<b>1,961,000</b>	<b>2,379,000</b>	<b>2,795,000</b>	<b>3,212,000</b>	<b>3,626,000</b>	<b>4,029,000</b>	<b>105%</b>
<b>Existing supplies</b>	Surface water	828,000	828,000	826,000	825,000	826,000	826,000	0%
	Groundwater	55,000	55,000	56,000	56,000	56,000	56,000	2%
	Reuse	13,000	14,000	14,000	14,000	14,000	15,000	15%
	<b>Total water supplies</b>	<b>896,000</b>	<b>898,000</b>	<b>895,000</b>	<b>896,000</b>	<b>897,000</b>	<b>897,000</b>	<b>0%</b>
<b>Demands</b>	Municipal	307,000	365,000	423,000	483,000	544,000	605,000	97%
	County-other	9,000	9,000	11,000	12,000	14,000	15,000	67%
	Manufacturing	4,000	5,000	5,000	5,000	5,000	5,000	25%
	Mining	17,000	16,000	15,000	13,000	10,000	10,000	-41%
	Irrigation	1,427,000	1,381,000	1,335,000	1,290,000	1,244,000	1,198,000	-16%
	Steam-electric	15,000	15,000	15,000	15,000	15,000	15,000	0%
	Livestock	5,000	5,000	5,000	5,000	5,000	5,000	0%
	<b>Total water demand</b>	<b>1,784,000</b>	<b>1,797,000</b>	<b>1,809,000</b>	<b>1,822,000</b>	<b>1,837,000</b>	<b>1,853,000</b>	<b>4%</b>
	<b>Needs</b>	Municipal	32,000	65,000	111,000	167,000	227,000	287,000
County-other		4,000	4,000	6,000	7,000	9,000	10,000	150%
Manufacturing		1,000	1,000	1,000	1,000	1,000	1,000	0%
Mining		7,000	6,000	5,000	4,000	5,000	5,000	-29%
Irrigation		889,000	844,000	798,000	753,000	707,000	662,000	-26%
Steam-electric		5,000	5,000	5,000	5,000	5,000	5,000	0%
<b>Total water needs</b>	<b>937,000</b>	<b>924,000</b>	<b>926,000</b>	<b>937,000</b>	<b>953,000</b>	<b>970,000</b>	<b>4%</b>	
<b>Strategy supplies</b>	Municipal	63,000	123,000	187,000	252,000	308,000	366,000	481%
	County-other	4,000	5,000	7,000	8,000	11,000	12,000	200%
	Manufacturing	<500	1,000	1,000	1,000	1,000	1,000	0%*
	Mining	2,000	2,000	1,000	1,000	1,000	1,000	-50%
	Irrigation	70,000	81,000	92,000	102,000	111,000	121,000	73%
	Steam-electric	2,000	8,000	8,000	8,000	8,000	8,000	300%
	<b>Total strategy supplies</b>	<b>141,000</b>	<b>219,000</b>	<b>296,000</b>	<b>372,000</b>	<b>440,000</b>	<b>508,000</b>	<b>260%</b>

**Figure M.3 - Share of existing water supplies by water source in 2020 (percent)**





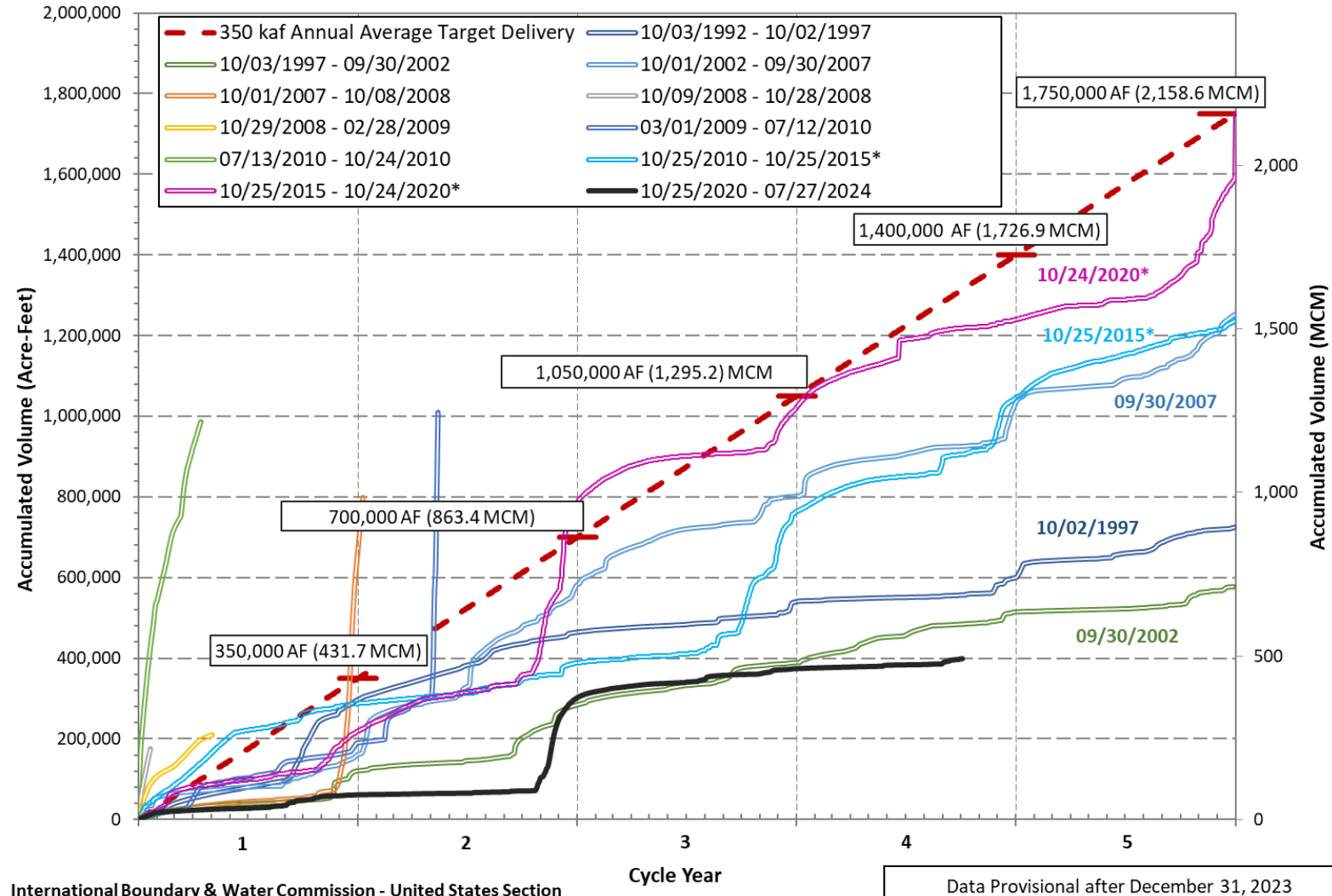


# 1944 WATER TREATY – 5YR CYCLE DELIVERIES

## 5yr Cycle Deliveries (as of July 27, 2024)

- o Cycle Year 1 – 61,161 AF (75.4 MCM)
- o Cycle Year 2 – 240,266 AF (296.4 MCM)
- o Cycle Year 3 – 72,522 AF (89.5 MCM)
- o Cycle Year 4 – 24,710 AF (30.5 MCM)
  
- o Cycle to date – 398,658 AF (491.7 MCM)
  
- o 839,523 AF (1,036 MCM) below seasonal curve
- o 32.2% of expected minimum seasonal deliveries

**Rio Grande River Basin**  
**Estimated Volumes Allotted to the United States by Mexico from Six Named Mexican Tributaries and Other Accepted Sources\* under the 1944 Water Treaty**  
**Current Cycle: October 25, 2020 thru July 27, 2024**





## Ownerships as of July 27, 2024

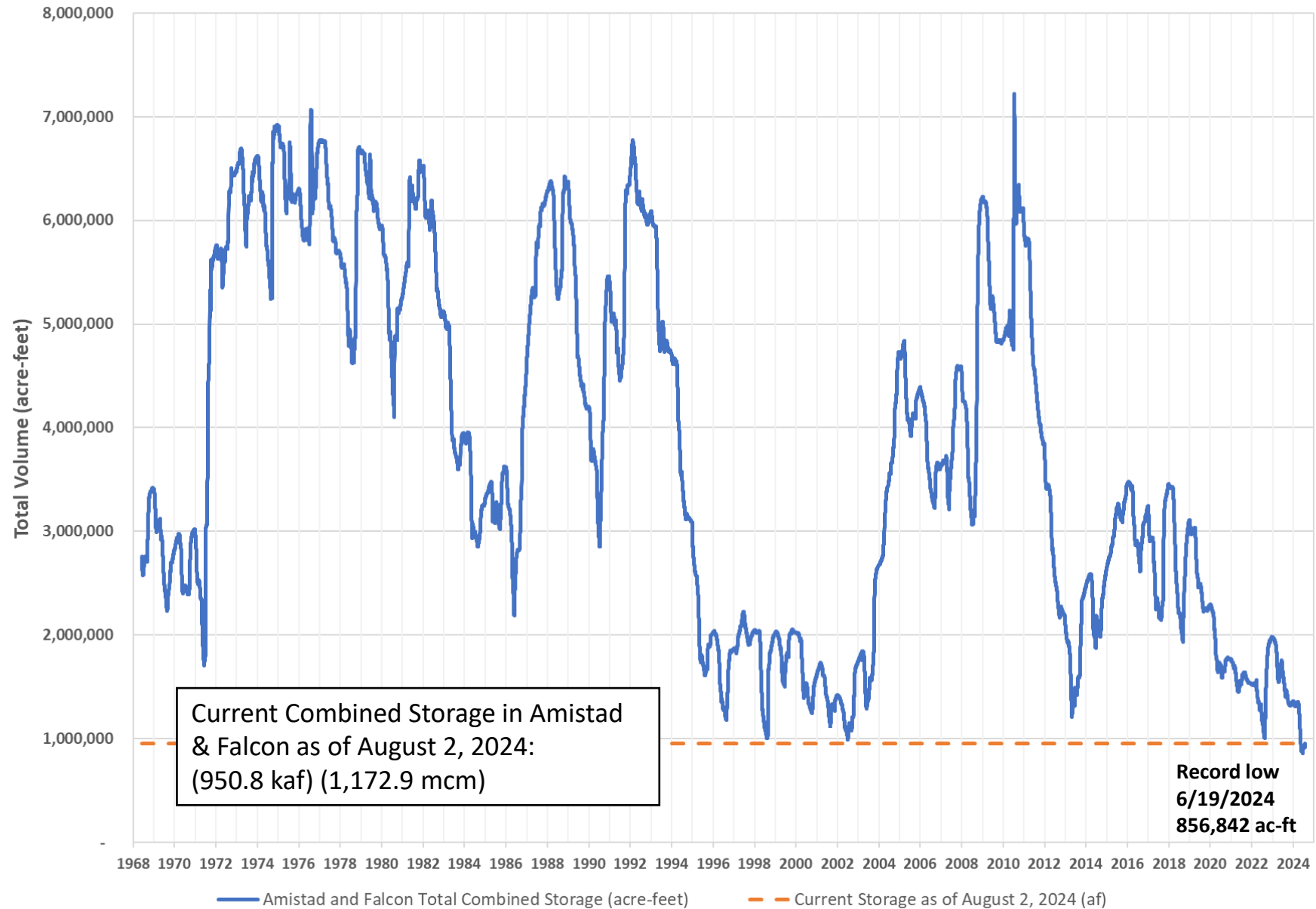
### U.S. Storage

	%cap	TCM	Acre-Ft
Amistad	25.1%	562,000	456,000
Falcon	13.4%	259,000	210,000
<b>Total</b>	<b>19.7%</b>	<b>821,000</b>	<b>666,000</b>

### Mx. Storage

	%cap	TCM	Acre-Ft
Amistad	12.1%	211,000	171,000
Falcon	10.1%	138,000	112,000
<b>Total</b>	<b>11.2%</b>	<b>349,000</b>	<b>283,000</b>

Total Combined Storage in Amistad & Falcon Reservoirs (acre-feet)

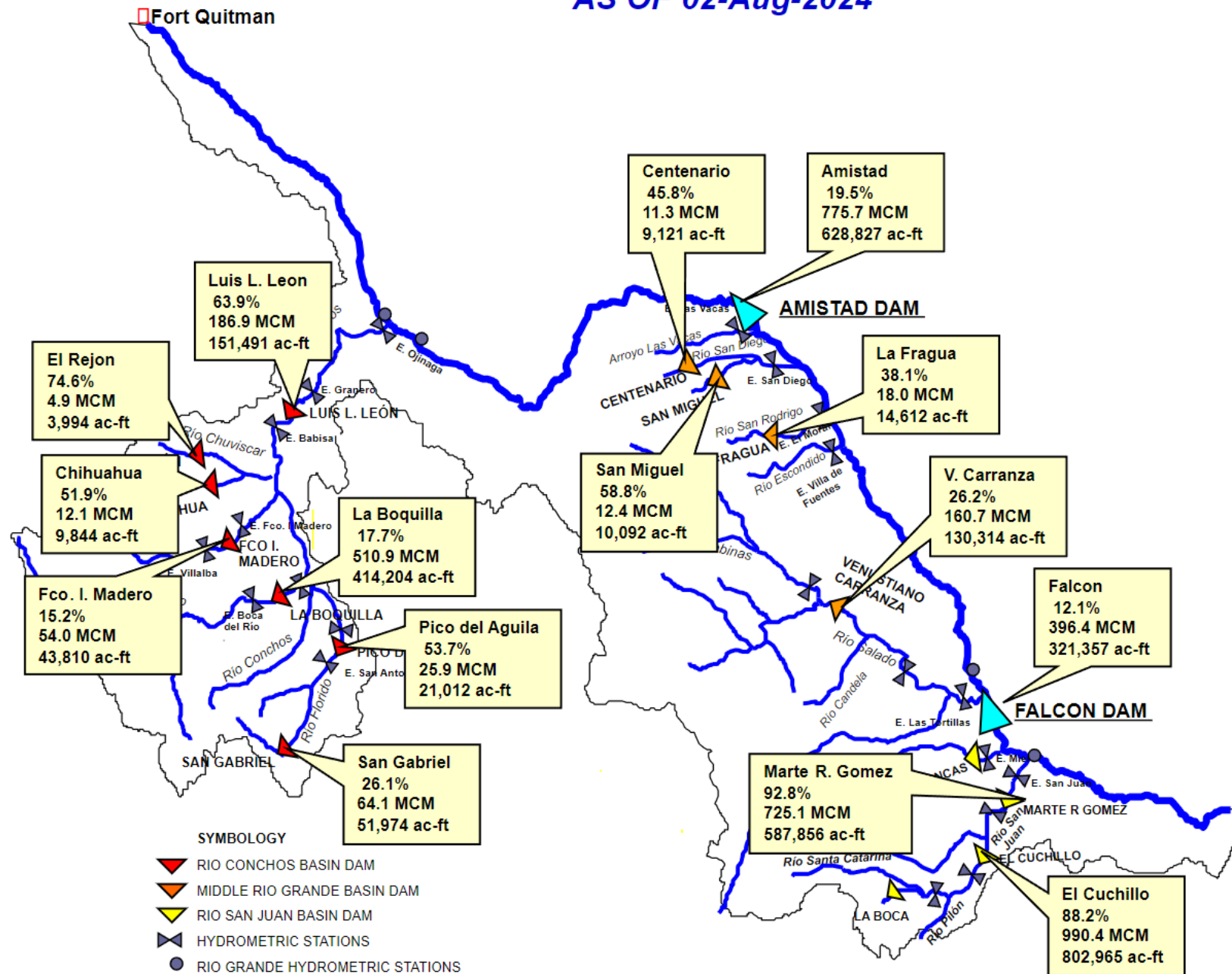




## SELECT DAMS OF THE RIO GRANDE BASIN AS OF 02-Aug-2024

- Rio Conchos
  - 579,000 ac-ft
  - 714.0 mcm
  - 19.2% Full
- Middle Tribs.
  - 156,000 ac-ft
  - 192.6 mcm
  - 27.6% Full

*(Based on Useable Storage)*



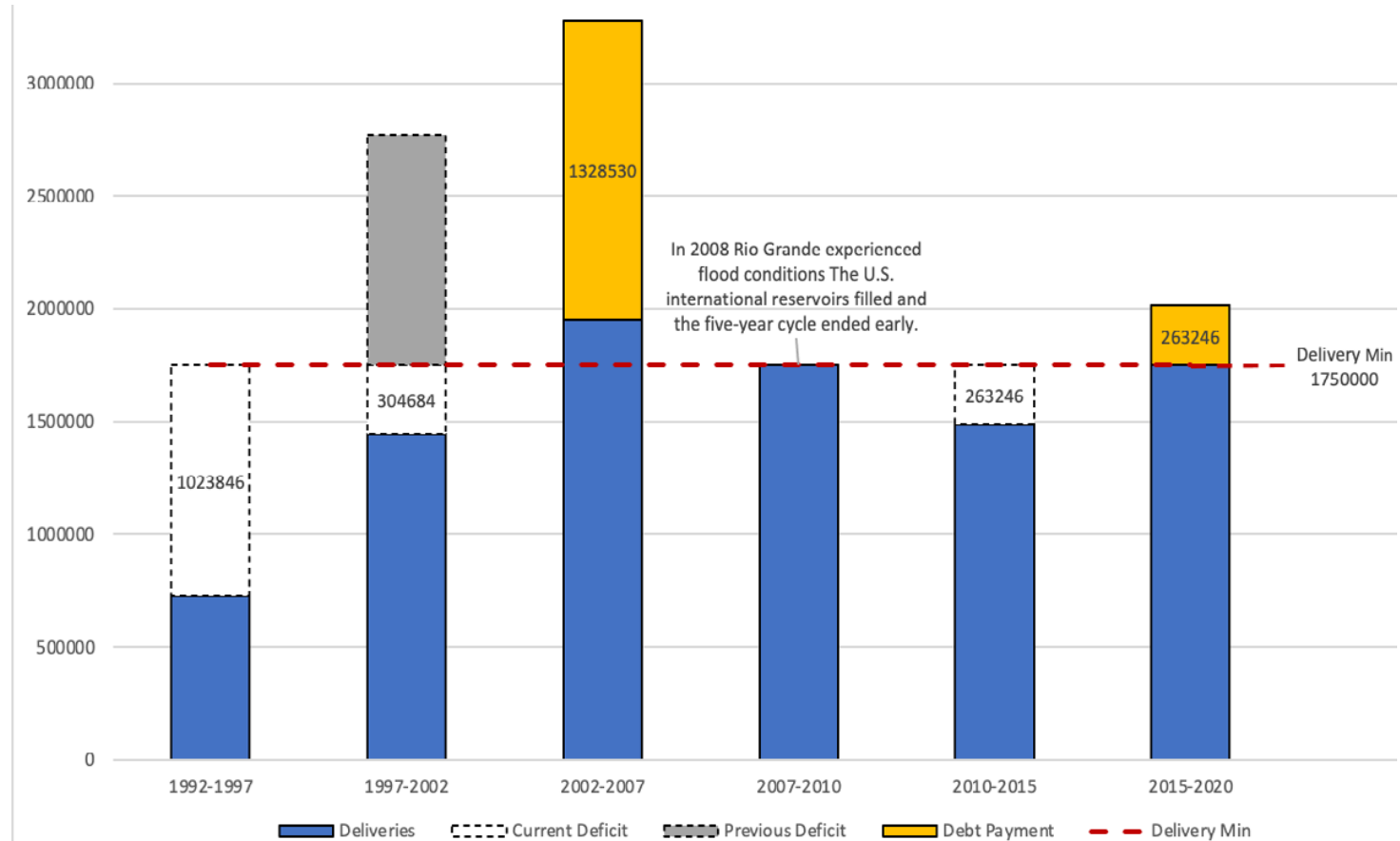




# COOPERATION ON THE RIO GRANDE

- 1969
- Minute 234 (1969): Modification to allocation of water deliveries to the U.S.
  - Minute 279 (1989) and Minute 297 (1997): Sanitation at Nuevo Laredo
  - Minute 282 (1990) and Minute 303 (2000): Salinity issues in Lower Rio Grande
  - Other minutes on infrastructure
  - Minute 325 (2020): “ ... to improve the predictability and reliability of Rio Grande water deliveries to users in the United States and Mexico...”
  - New Minute (2024)
- 2020

A new beginning





# ENGAGEMENT WITH MEXICO: STATE DEPARTMENT

- State Department officials met on multiple occasions with **stakeholders** such as Members of Congress and farmers' representatives to learn about the impacts of Mexican water delivery shortfalls and seek solutions.
- The **Secretary of State** raised this issue directly with Mexico's Foreign Secretary, asking Mexico to sign the Rio Grande Minute and make immediate water deliveries.
- The State Department has sent **two diplomatic notes** to Mexico's Foreign Ministry calling for the signing of the proposed Rio Grande agreement and immediate water deliveries from Mexico to the United States.
- The U.S. **Ambassador to Mexico**, Ken Salazar, and other senior U.S. officials continue to urge the Mexican government to take these steps and have participated in several meetings with Conagua and Mexico's foreign ministry.



# ENGAGEMENT WITH MEXICO: USIBWC

- Commissioner Giner traveled to Matamoros in May and twice to Mexico City in June to press the state of Tamaulipas and the **Mexican federal government** to support and sign the Rio Grande minute.
- Commissioner Giner asked Mexico's National Water Commission (CONAGUA) to share its **plans for making water deliveries** to the U.S. under wet or dry scenarios, and CONAGUA agreed to do so.
- Dr. Giner reinforced this request formally in letters to the Mexican Section of IBWC.



# QUESTIONS AND DISCUSSION

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# INTERNATIONAL BOUNDARY AND WATER COMMISSION

UNITED STATES SECTION

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## Lower Rio Grande Flood Control Project

Juan F. Uribe, RM &  
Francisco Martinez, DRM,  
Joseph Tritz, M&O  
Supervisor



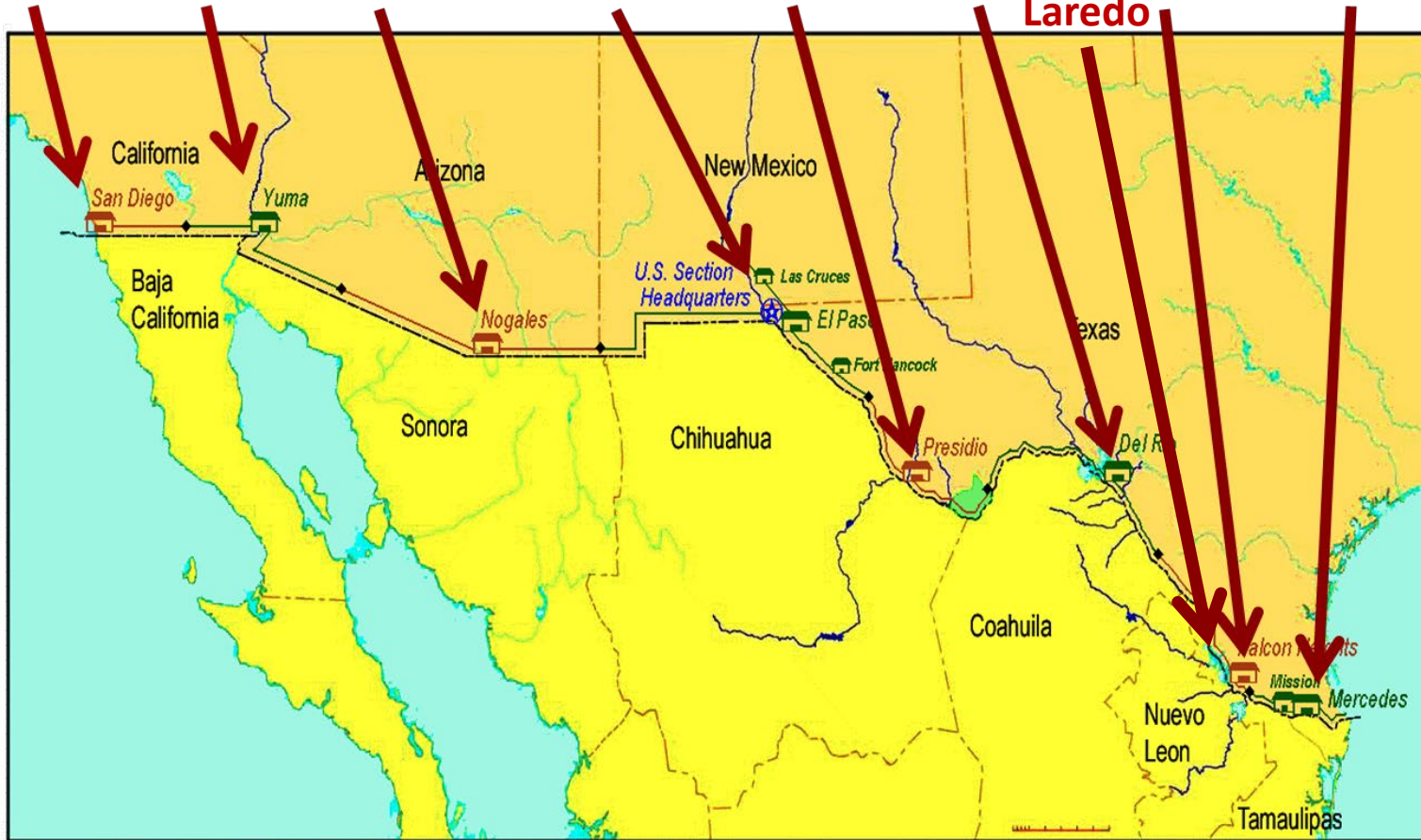
# Agenda

- Lower Rio Grande Field Office
- Lower Rio Grande Flood Control Project
- Operations and Maintenance Activities



# INTERNATIONAL BOUNDARY AND WATER COMMISSION UNITED STATES SECTION

**San Diego Yuma Nogales Up. Rio Grande Presidio Amistad Falcon L. Rio Grande  
Laredo**



- 258 principal monuments along the land boundary in NM, AZ, and CA
- There are nine (9) IBWC field office across the U.S./Mexico border.
- In Texas, the Rio Grande River forms the international boundary between the U.S. and Mexico.





# LOWER RIO GRANDE FIELD OFFICE STAFFING

## Mercedes Field Office

### **27 Employees:**

Managers: **2**

O&M Supervisors: **1**

Maintenance Mechanic Leader: **1**

Supply Technicians: **2**

Civil Engineer Technician: **1**

Engineering Equipment Operator (WG:10): **4**

Engineering Equipment Operator (WG:08): **2**

Servicer: **1**

Tractor Operator: **5**

Maintenance Mechanic: **1**

Heavy Equipment Mechanic: **2**

Welders: **2**

Maintenance Workers: **3**

Laborer: **2**

## Support Personnel

### **7 Employees:**

Regional Security Officer: **1**

Construction Engineer: **1**

Realty Chief: **1**

Realty Specialist: **1**

WAPA Engineer: **1**

Civil Engineer: **1**

Surveyor: **1**

Hydro Tech: **2**

## Anzalduas / Retamal Dams

### **9 Employees:**

Dam Operations

Supervisor: **1**

Lock & Dam Mechanic : **2**

Tractor Operator: **1**

Dam Operators: **5**

## 2024 Manpower Study

- Recommends 60 additional agency positions
- 6 additional O&M positions for LRGFO to complete the mission





# LOWER RIO GRANDE FLOOD CONTROL PROJECT FEATURES

- 2 International Dams – Anzalduas & Retamal Dams
- 270 miles of U.S. levees along the river and floodways
- U.S. floodway system includes Banker Floodway, Main Floodway, North Floodway, and Arroyo Colorado
- 30,000 acres of interior floodway
- 64 miles of pilot channel



Retamal Dam



# DESIGN FLOOD

- Lower Rio Grande Flood Design Criteria
  - 250,000 cfs at Rio Grande City
  - 105,000 cfs into the U.S. floodway at Anzalduas Dam
    - 21,000 cfs in the Arroyo Colorado
    - 84,000 cfs in the North Floodway
  - 105,000 cfs in the Mexican floodway at Retamal Dam
  - Limit flows to 20,000 cfs at Brownsville-Matamoros



Arroyo Colorado, Harlingen, TX 8/18/10





# LRG FLOOD CONTROL PROJECT – DESIGN FLOOD CAPACITY







INTERNATIONAL BOUNDARY AND WATER COMMISSION  
UNITED STATES SECTION

# **CURRENT OPERATIONS OF THE THE LOWER RIO GRANDE FIELD OFFICE**



# LOWER RIO GRANDE FLOOD CONTROL O&M

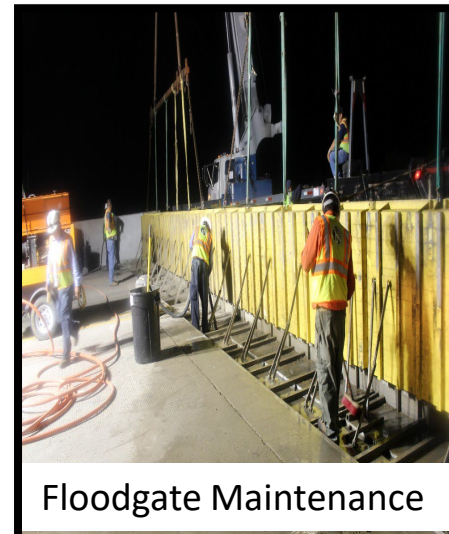
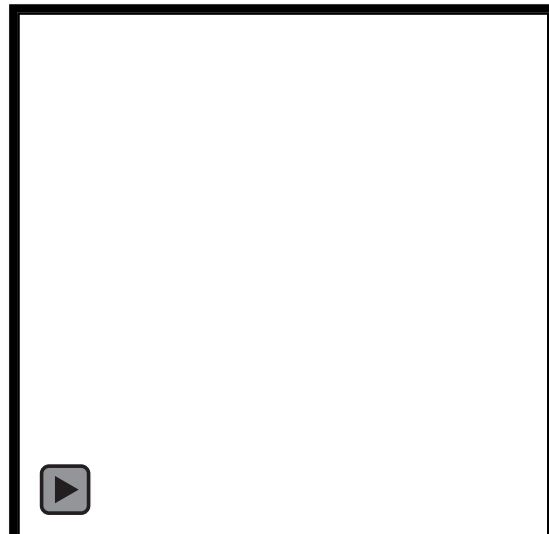
1. Levee roadway repair and resurfacing, and slope repair. (20 miles yearly)
2. Levee and floodway mowing. (8,500 acres yearly)
3. Pilot channel and lateral drain desilting. (15,000 yd<sup>3</sup> yearly)
4. Inspection and maintenance of irrigation and drainage structures (600 structures.)
5. Maintenance of ten (10) floodgates.
6. Flood Workshops and Exercises.



Anzalduas Dam



Levee Maintenance



Floodgate Maintenance



Gatewell Maintenance



# LOWER RIO GRANDE FLOOD CONTROL O&M

## LEVEE RESURFACING & REPAIR

1. MAINTENANCE OF 270 MILES OF LEVEE ROAD.
  - a. RESURFACING OF LEVEE ROAD
  - b. LAYING AND PROCESSING NEW CALICHE
  - c. FILLING AND REPAIRING POTHOLES
  - d. REPAIR LEVEE SLOPES DUE TO EROSION
  - e. REPAIR OF RAMPS
2. FY24 ADDITION OF EQUIPMENT







# LOWER RIO GRANDE FLOOD CONTROL O&M

## LEVEE RESURFACING & REPAIR





# LOWER RIO GRANDE FLOOD CONTROL O&M

## LEVEE AND FLOODWAY MOWING

1. MOW AND CLEAR APPROXIMATELY 12,000 ACRES OF LEVEE SLOPE AND FLOODWAY.
2. FY24 REPLACEMENT OF FLEET





# LOWER RIO GRANDE FLOOD CONTROL O&M

## REPLACEMENT OF 7 JOHN DEERE TRACTORS

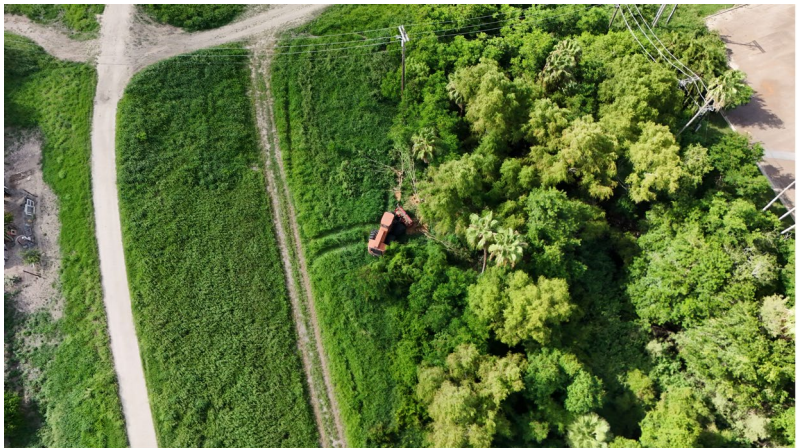






# LOWER RIO GRANDE FLOOD CONTROL O&M

## LEVEE AND FLOODWAY MOWING/CLEARING







# LOWER RIO GRANDE FLOOD CONTROL O&M

## CHANNEL AND DRAIN DESILTING

1. REMOVAL OF TREES AND DEBRIS
2. REPAIR BANK EROSION
3. FY24 ADDITION OF EQUIPMENT

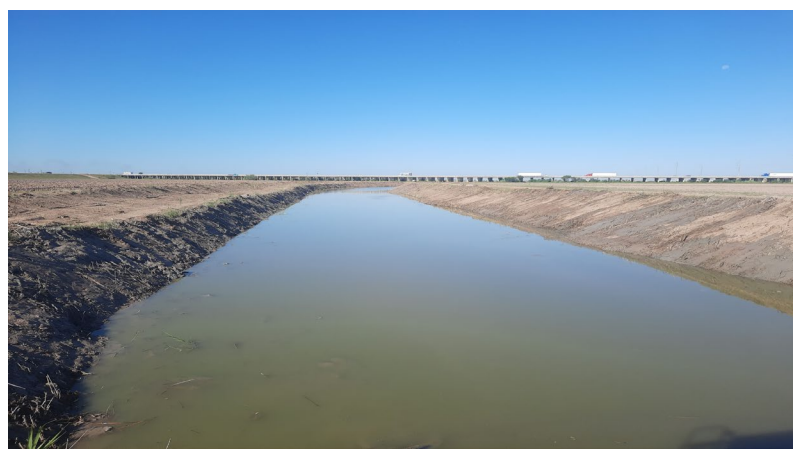






# LOWER RIO GRANDE FLOOD CONTROL O&M

## CHANNEL AND DRAIN DESILTING







# LOWER RIO GRANDE FLOOD CONTROL O&M

## INSPECTION AND REHABILITATION OF STRUCTURES

1. 523 STRUCTURES WITHIN IBWC FLOODWAYS AND LEVEES ARE INSPECTED ON A YEARLY BASIS. THESE STRUCTURES AREA MAINTAINED AND REPAIRED AS NEEDED
  - a. REPLACE SLUICE GATE IF NEEDED
  - b. WEED EATING AROUND STRUCTURES
  - c. PAINT AND STENCIL STRUCTURES
  - d. INSTALL IDENTIFICATION POLES





# LOWER RIO GRANDE FLOOD CONTROL O&M







# LOWER RIO GRANDE FLOOD CONTROL O&M

## MAINTENANCE OF TEN (10) FLOODGATES

### 1. FLOOD GATE LOCATIONS;

- FM 107 (1-FLOODGATE)
- FM 491 (2-FLOODGATE)
- BUSINESS 83 (2-FLOODGATES)
- JACKSON ROAD (2-FLOODGATES)
- BENTSEN PALM ROAD (1-FLOODGATE)
- HIDALGO POE (1-FLOODGATE)
- ALAMO ROAD (1-FLOODGATE)

### 2. FY24 REPLACEMENT OF EQUIPMENT



# LOWER RIO GRANDE FLOOD CONTROL O&M

## REPLACEMENT OF EQUIPMENT



Network: Apr 7, 2022 at 11:52:34 PM CDT  
Local: Apr 7, 2022 at 11:52:34 PM CDT  
26° 17' 40.331" N, 97° 55' 0.403" W  
309° NW  
SH-107  
Mercedes TX 78570  
United States

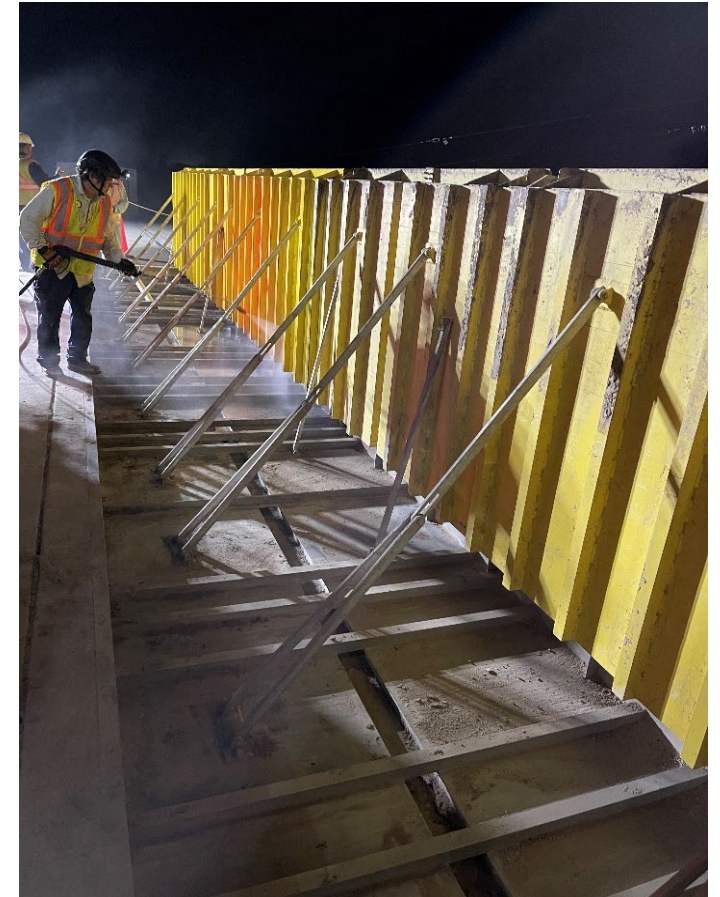






# LOWER RIO GRANDE FLOOD CONTROL O&M

## MAINTENANCE OF TEN (10) FLOODGATES





# LOWER RIO GRANDE FLOOD CONTROL O&M

## FLOOD WORKSHOPS AND EXERCISES

1. FLOOD EXERCISES SCHEDULED ON JUNE 25 TO JUNE 27, 2024.

2. STAFF TRAINING ON THE FOLLOWING:

- SANDBAGGING
- LEVEE LINER
- BOIL CONTROL
- GATOR PUMPS
- STOP LOG INSERTION & REMOVAL

### Flood Exercise Schedule IBWC-LRGFO Mercedes TX

Day 1 Tuesday, June 25

07:00 Morning Muster

Introduction at Personnel Building Conference room

08:00 Sandbagging at Parking Shed. (Santos)

Proper stacking, handling, and transport of sandbags

08:45 Levee Liner - (Wave Control). Behind Llano Grande (Justo)

09:30 Structure 163L operation. (David Duque)

10:00 Boil Control at rock pile. (Robert S. and Juan)

10:30 Gator Pump, 2" and 4" pump with Liner El Fuste (Raul, Robert L., and Jim)

LUNCH

13:00 Anzalduas Dam site visit and flood operations briefing (Anz. Staff)

14:45 Gage Board Reading Exercises. (Hydro)

15:15 Confined Space and Atmospheric Test training conference room (Danny)

15:15 Return Items used during days activities and prep for [Penitas](#) stop logs.

### Flood Exercise Schedule IBWC-LRGFO Mercedes TX

Day 2 Wednesday, June 26

07:00 Morning Muster

Get water, PPE, and vehicles ready.

Depart LRGFO for [Penitas](#)

08:30 Flood Breaks Flood Gate - explanation of operation, Bentsen State Park (Sal Martinez)

10:00 Stop log insertion and removal - [Penitas](#)

#### Team Assignments

**Forklift Operator:** Javier **Lowboy:** Jose

Ground guide (signalman): Sal

Spotter: Taglines: Danny & Luis

Safety Cone placement: David and Marco L.

Tag Lines, Ladders & Shop Vac

*No Crew will leave the [Penitas](#) location until the stop-logs are loaded, and the task is complete unless other orders are given.*

LUNCH

13:30 Safety and Security during Flood Ops (Officer Martinez)

14:00 Flood Control Operations (Frank Martinez)

15:00 Prep for Mercedes Stop logs.





# LOWER RIO GRANDE FLOOD CONTROL O&M

## FLOOD WORKSHOPS AND EXERCISES







# LOWER RIO GRANDE FLOOD CONTROL O&M

## EQUIPMENT REPLACEMENT PROGRAM

AGENCY \$60M OVER 6-YEARS EQUIPMENT REPLACEMENT PLAN

FISCAL YEAR	LRGFO	AGENCY TOTAL	% OF TOTAL
FY22	\$1,062,000	\$10,000,000	11%
FY23	\$500,000	\$3,500,000	14%
FY24	\$960,000	\$6,000,000	16%
TOTAL	\$2,522,000	\$19,500,000	13%





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# Questions?

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