

Impacts of the Lower Basin Drought Contingency Plan on Yuma County Agriculture

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Colorado River Citizens Forum
U.S. Section - International Boundary and Water Commission

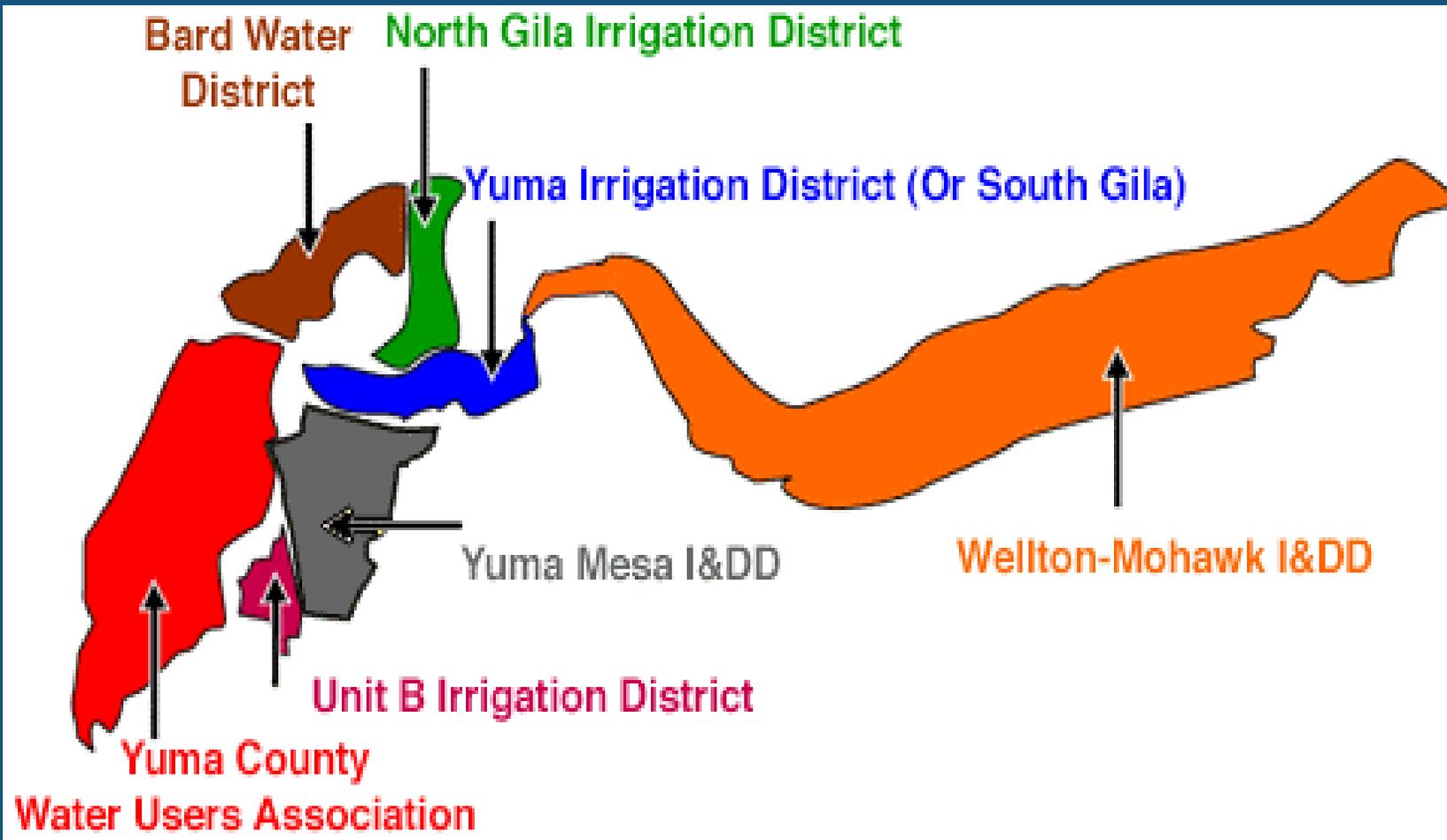
Yuma County Agriculture

- Provides 85% - winter vegetables – United States and Canada
- Delivers 12 to 15 BILLION servings a week during season
- Winter Vegetables, Wheat, Melons and Cotton
- Results from
 - Soil
 - Sun
 - Water

Yuma Area Mainstem Agricultural Contractors and City of Yuma Entitlements and Priorities

Entity	Contract Entitlements	Quantity (in AF)	Priority
WMIDD	Consumptive use	278,000	3rd
YCWUA	Beneficial Use-Diversion Right	254,200	1st
YMIDD	Consumptive use	YMD Apportionment	3rd
YID	Consumptive use	YMD Apportionment	3rd
NGVIDD	Beneficial Use-Diversion Right		1st
	Consumptive use	YMD Apportionment	3rd
Unit B	Beneficial Use-Diversion Right	6,800	1st
City of Yuma	Consumptive use	48,522	3rd

Yuma Area Districts



Colorado River Basin Allocations

Upper Basin (7.5 maf)

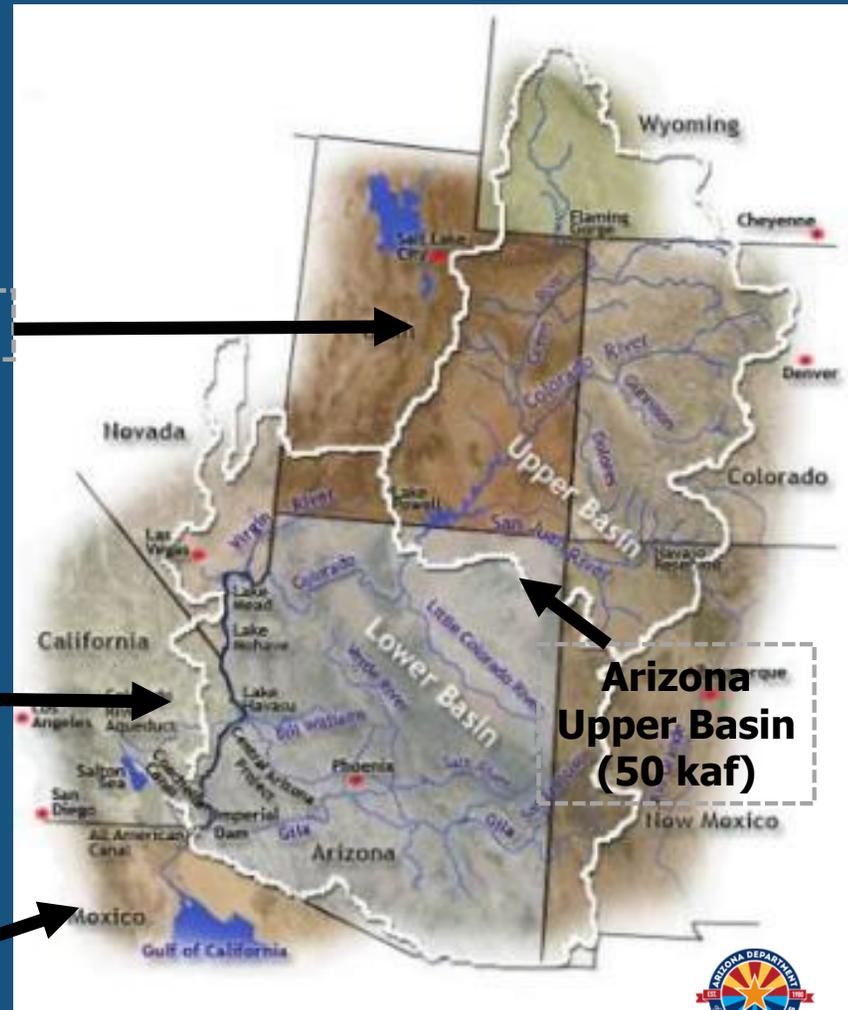
Lower Basin (7.5 maf)

CA – 4.4 maf

AZ – 2.8 maf

NV – 0.3 maf

Mexico 1.5 maf



Priority – cont.

- Priority 5 – Satisfaction of Entitlements to **Unused Water**
- Priority 6 – Satisfaction of Entitlements to **Surplus Water**

Priority – cont.

- Priority 4
 - Satisfaction of entitlements pursuant to Contracts and secretarial reservations in Arizona entered into or established after September 30, 1968

Priority

- Priority 1
 - Satisfaction of Present Perfected Rights (PPRs).
- Priority 2
 - Satisfaction of federal reservations and reserved rights established or effective prior to September 30, 1968.
- Priority 3
 - Satisfaction of entitlements pursuant to contracts executed on or before September 30, 1968.
 - Priority 2 and 3 are co-equal.

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Yuma County Agriculture Water Priorities Voluntary LB DCP Participation

- LB DCP is designed to avert catastrophic depletions to Lake Mead.
- Lake Mead elevations will be sustained by contributions from the Lower Basin states as they have agreed in the LB DCP.
- Lower Priority Entitlement holders are required to contribute to sustaining the river in shortage.
- As Lake Mead elevations decline Yuma County Agriculture entitlement holders will voluntarily contribute water to sustain the river.

Table 1 – DCP Contributions and 2007 Interim Guidelines Shortages by State

Projected January 1 Lake Mead Elevation (feet msl)	2007 Interim Guidelines Shortages		DCP Contributions			Combined Volumes (2007 Interim Guidelines Shortages & DCP Contributions)			
	Arizona	Nevada	Arizona	Nevada	California	Arizona	Nevada	California	Lower Division States Total
	<i>(thousand acre-feet)</i>								
At or below 1,090 and above 1,075	0	0	192	8	0	192	8	0	200
At or below 1,075 and at or above 1,050	320	13	192	8	0	512	21	0	533
Below 1,050 and above 1,045	400	17	192	8	0	592	25	0	617
At or below 1,045 and above 1,040	400	17	240	10	200	640	27	200	867
At or below 1,040 and above 1,035	400	17	240	10	250	640	27	250	917
At or below 1,035 and above 1,030	400	17	240	10	300	640	27	300	967
At or below 1,030 and at or above 1,025	400	17	240	10	350	640	27	350	1,017
Below 1,025	480	20	240	10	350	720	30	350	1,100

Yuma County Agriculture

- Unique, complex and dynamic agriculture system.
- Top 0.1% of U.S. counties in vegetable crop sales.
- Top 0.5% of U.S. counties for all agriculture product sales.
- Nearly doubled crop acres since 1970.
- Reduced water delivered to farms by nearly 20%.
- Contributes approximately 140,000 af/yr to sustain the river.