



Version 2.1

## Wheeling Non-Project Water

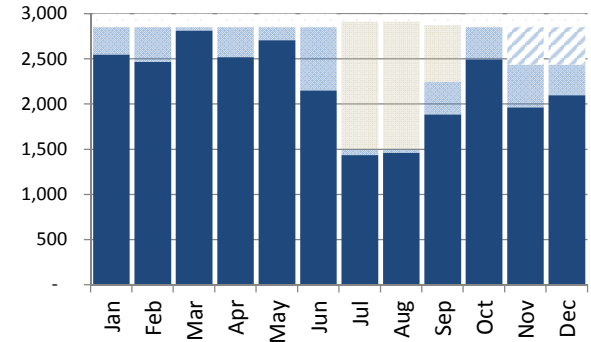
This is a simplified CAP System model that dynamically implements key provisions of the CAP Staff proposal for the wheeling of non-Project Water under sections 8.17 and 8.18 of the Master Repayment Contract. These include the "Certified Additional Annual System Delivery Capacity" calculation and implementation of the "Peak Suppression Facility" concept. The CAP system is represented in three sections: from Lake Havasu to Lake Pleasant; Lake Pleasant to Picacho Peak; and Picacho Peak to Tucson. Different combinations of Project and non-Project deliveries/requests can be selected using the up/down arrows. Efforts have been made to make realistic representations of delivery capacities and distribution, but results should be considered illustrative only, and not a reflection of actual operations or policy implementation.

### Scenarios

▲	▼	<b>Project Water:</b> 1.6 MAF	Total (West; Central; South)
▲	▼	<b>CAWCD (8.18) Wheeling:</b> 0 kAF (0; 0; 0)	
▲	▼	<b>Federal (8.17) Request:</b> 0 kAF (0; 0; 0)	
▲	▼	<b>Delivered:</b> 0 kAF (0; 0; 0)	

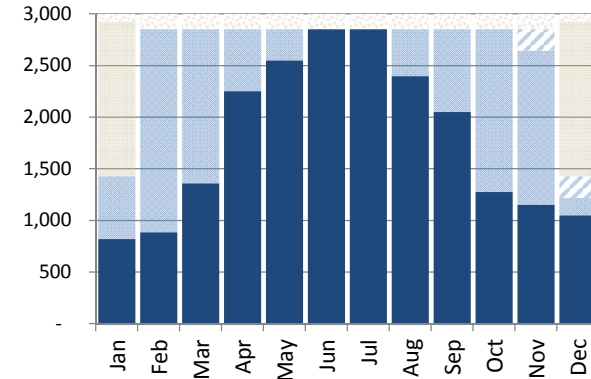
### West (values in acre-feet)

Original Capacity	1,812,000
New Capacity	0
Modified Capacity	1,812,000
Project Water	1,600,000
8.18 Requested	0
Delivered	0
8.17 Requested	0
Delivered	0



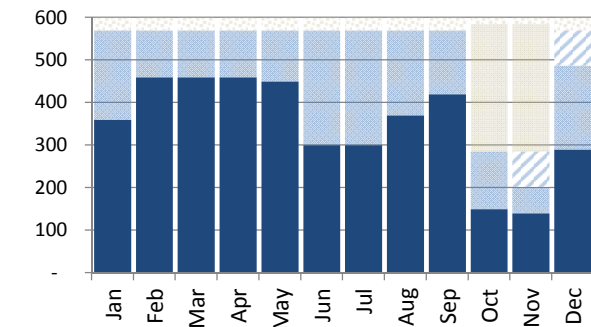
### Central (values in acre-feet)

▶ Project Water	1,300,000
▶ 8.18 Requested	0
Delivered	0
▶ 8.17 Requested	0
Delivered	0



### South (values in acre-feet)

▶ Project Water	250,000
▶ 8.18 Requested	0
Delivered	0
▶ 8.17 Requested	0
Delivered	0



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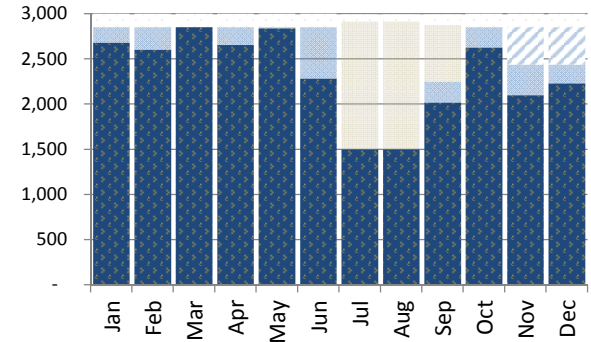
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### Scenarios

▲	▼	<b>Project Water:</b> 1.6 MAF	Total (West; Central; South)
▲	▼	<b>CAWCD (8.18) Wheeling:</b> 0 kAF (0; 0; 0)	
▲	▼	<b>Federal (8.17) Request:</b> 80 kAF (80; 65; 15)	
▲	▼	<b>Delivered:</b> 80 kAF (80; 65; 15)	

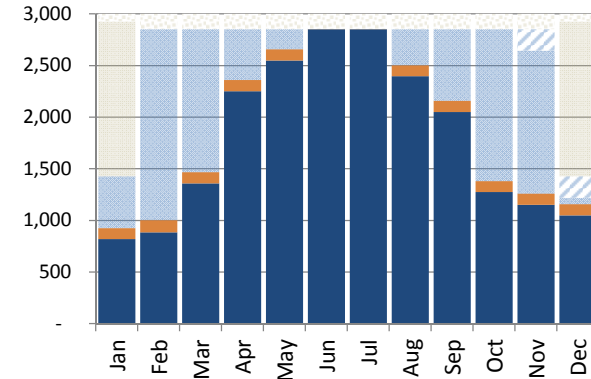
### West (values in acre-feet)

Original Capacity	1,812,000
New Capacity	0
Modified Capacity	1,812,000
Project Water	1,600,000
8.18 Requested	0
Delivered	0
8.17 Requested	80,000
Delivered	80,000



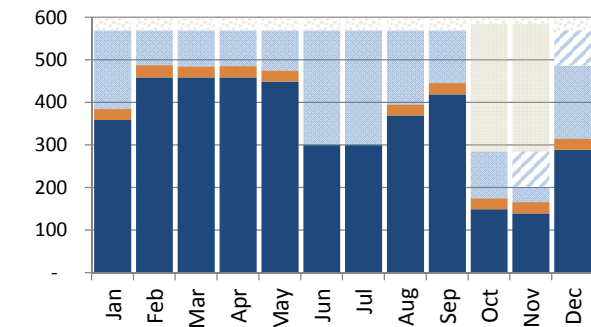
### Central (values in acre-feet)

Project Water	1,300,000
8.18 Requested	0
Delivered	0
8.17 Requested	65,000
Delivered	65,000



### South (values in acre-feet)

Project Water	250,000
8.18 Requested	0
Delivered	0
8.17 Requested	15,000
Delivered	15,000



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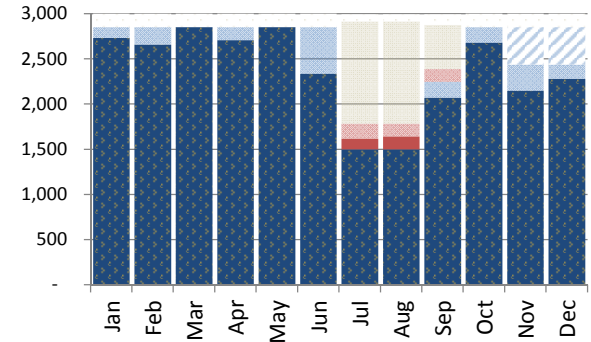
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### Scenarios

▲	▼	<b>Project Water:</b> 1.6 MAF	Total (West; Central; South)
▲	▼	<b>CAWCD (8.18) Wheeling:</b> 40 kAF (40; 30; 10)	
▲	▼	<b>Federal (8.17) Request:</b> 80 kAF (80; 65; 15)	
▲	▼	<b>Delivered:</b> 80 kAF (80; 65; 15)	

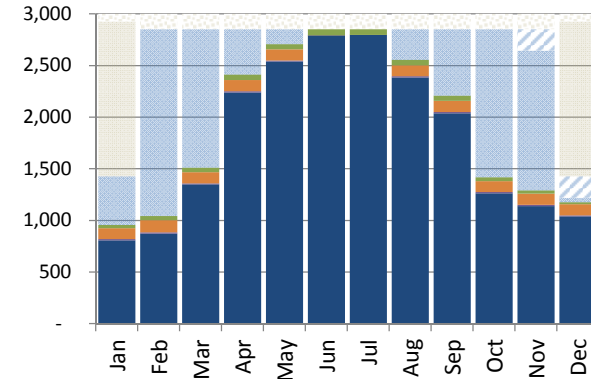
### West (values in acre-feet)

Original Capacity	1,812,000
<b>New Capacity</b>	<b>44,000</b>
Modified Capacity	1,856,000
Project Water	1,600,000
8.18 Requested	40,000
Delivered	40,000
8.17 Requested	80,000
Delivered	80,000



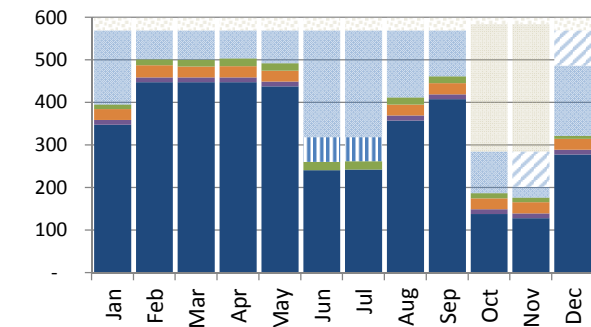
### Central (values in acre-feet)

▶ Project Water	1,300,000
▶ 8.18 Requested	30,000
Delivered	30,000
▶ 8.17 Requested	65,000
Delivered	65,000



### South (values in acre-feet)

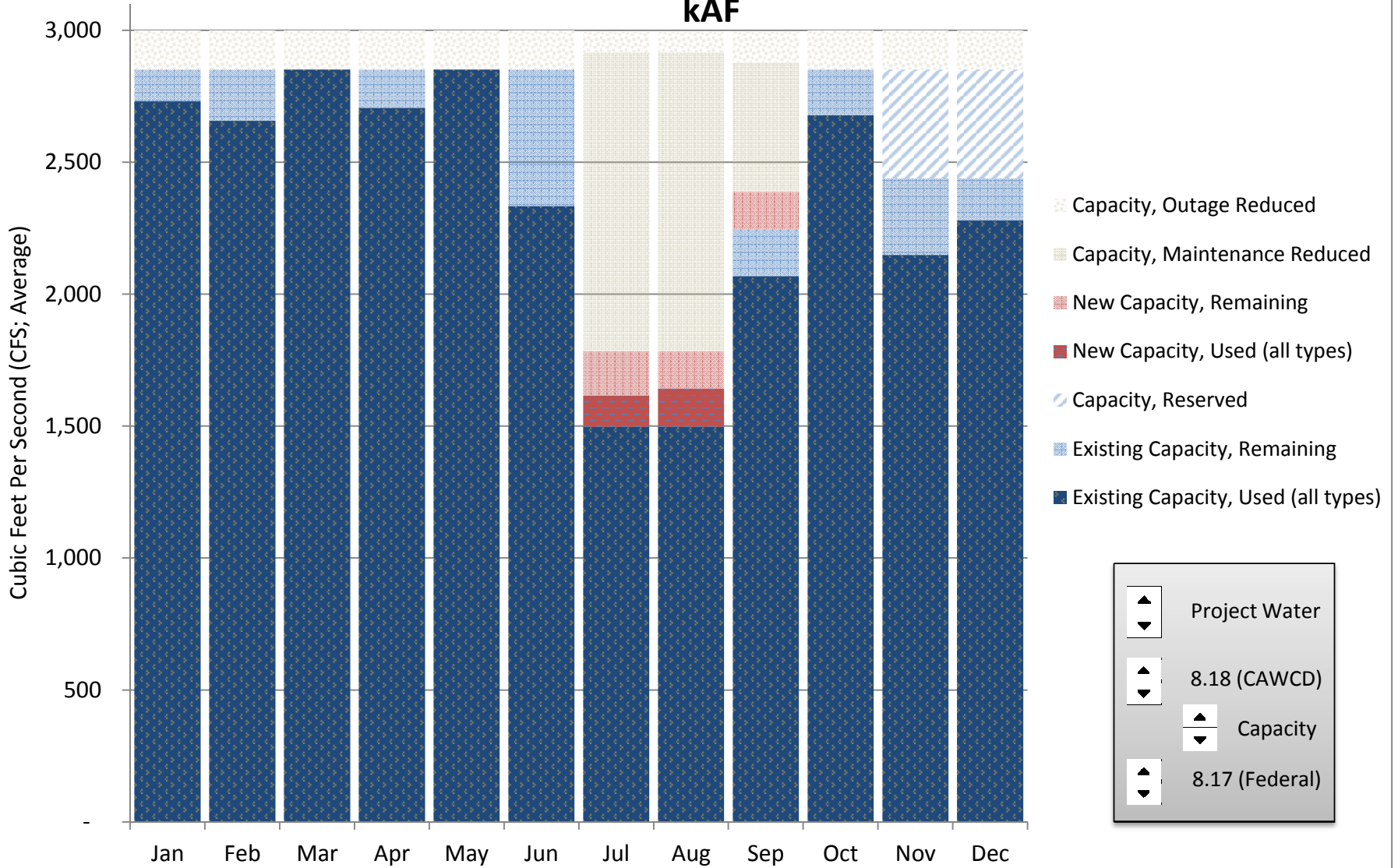
▶ Project Water	250,000
▶ 8.18 Requested	10,000
Delivered	10,000
▶ 8.17 Requested	15,000
Delivered	15,000



# West (Lake Havasu to Lake Pleasant)

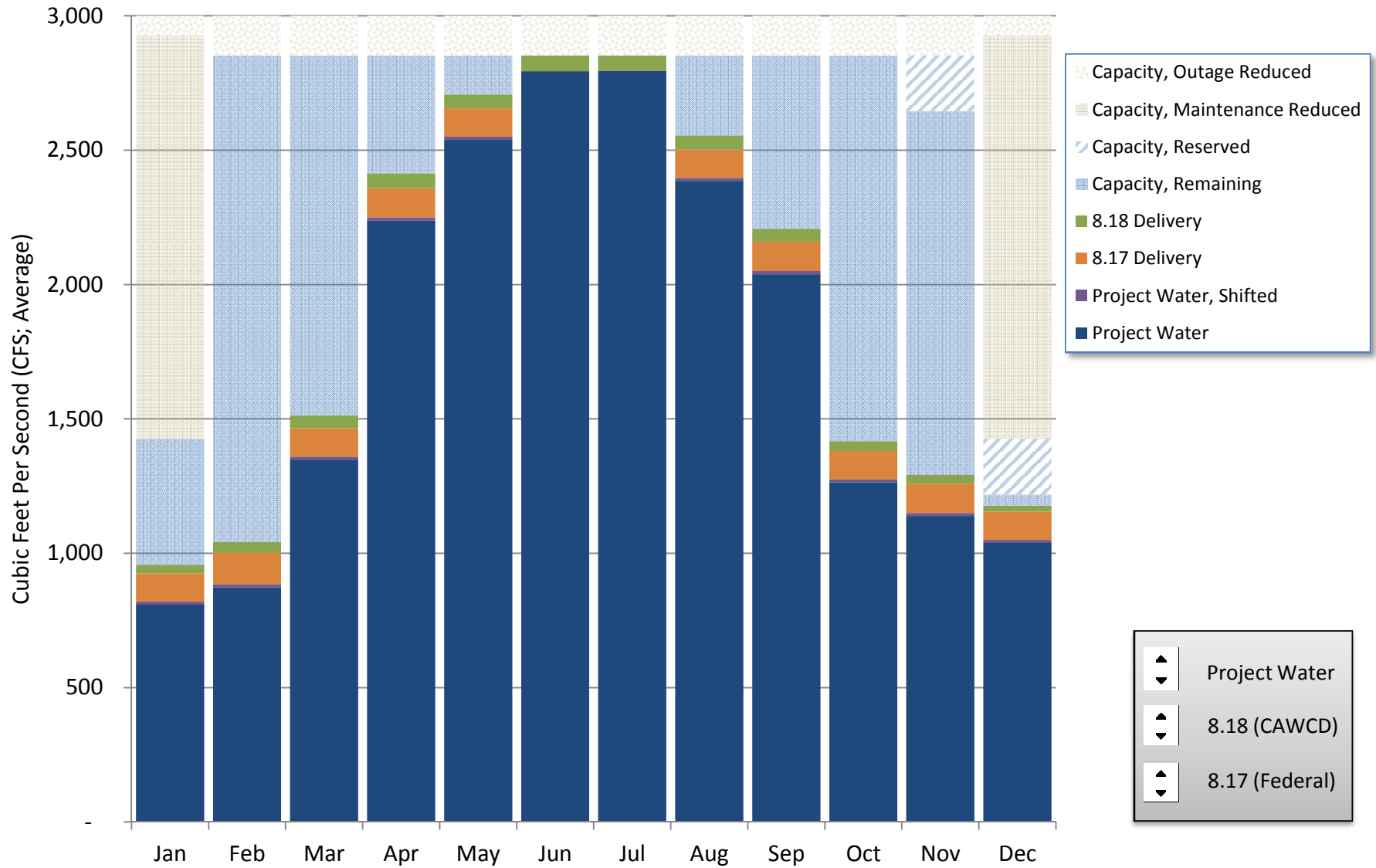
**Project Water: 1.6 MAF; 8.17: 80 kAF; 8.18: 40 kAF; New Capacity: 44**

**kAF**



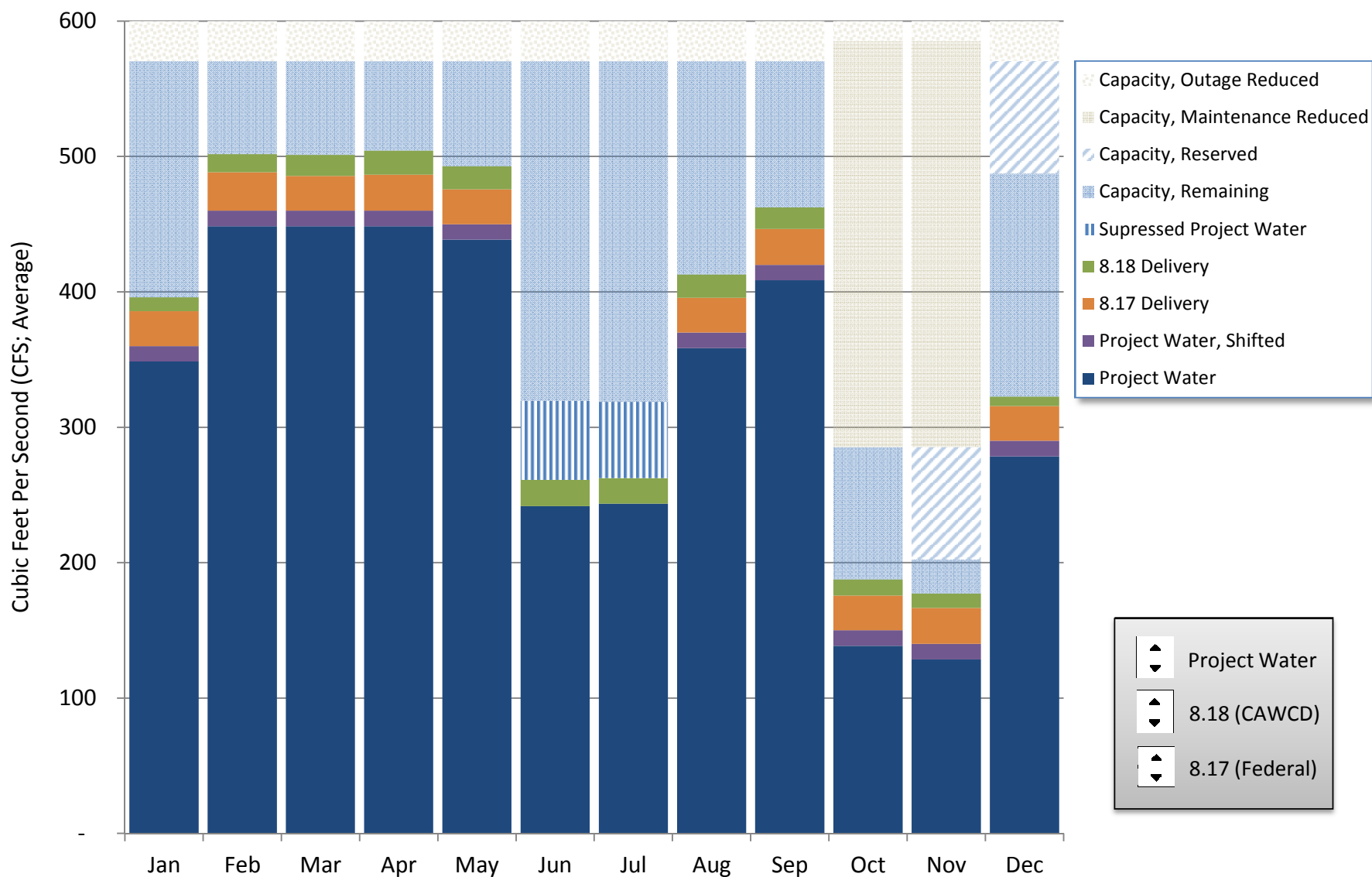
# Central (Lake Pleasant to Picacho Peak)

Project Water: 1.3 MAF; 8.17: 65 kAF; 8.18: 30 kAF



# South (Picacho Peak to Tucson)

**Project Water: 250 kAF; 8.17: 15 kAF; 8.18: 10 kAF**



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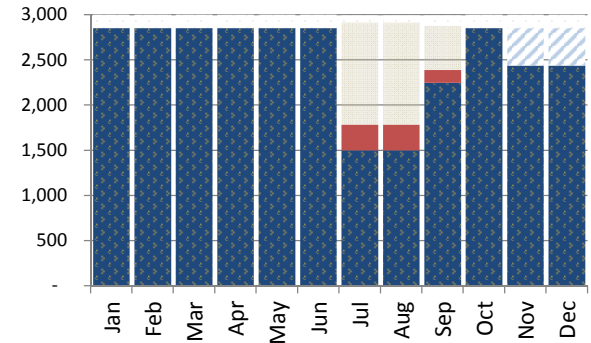
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### Scenarios

▲	▼	<b>Project Water:</b> 1.8 MAF	Total (West; Central; South)
▲	▼	<b>CAWCD (8.18) Wheeling:</b> 40 kAF (40; 30; 10)	
▲	▼	<b>Federal (8.17) Request:</b> 80 kAF (80; 65; 15)	
▲	▼	<b>Delivered:</b> 14 kAF (14; 11; 3)	

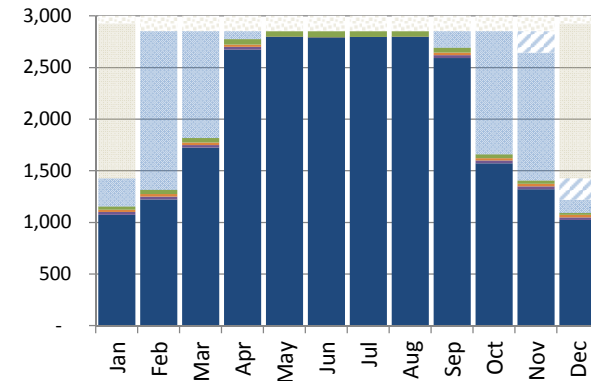
### West (values in acre-feet)

Original Capacity	1,812,000
New Capacity	44,000
Modified Capacity	1,856,000
Project Water	1,800,000
8.18 Requested	40,000
Delivered	40,000
8.17 Requested	80,000
Delivered	13,600



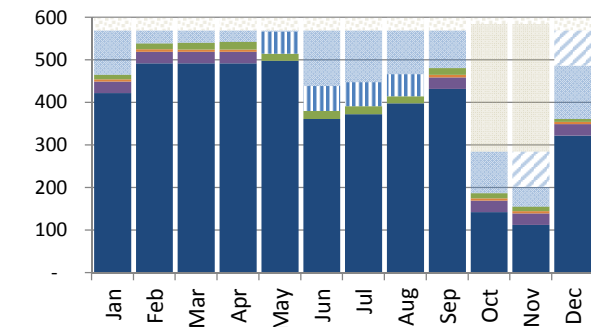
### Central (values in acre-feet)

Project Water	1,500,000
8.18 Requested	30,000
Delivered	30,000
8.17 Requested	65,000
Delivered	11,000



### South (values in acre-feet)

Project Water	300,000
8.18 Requested	10,000
Delivered	10,000
8.17 Requested	15,000
Delivered	2,500

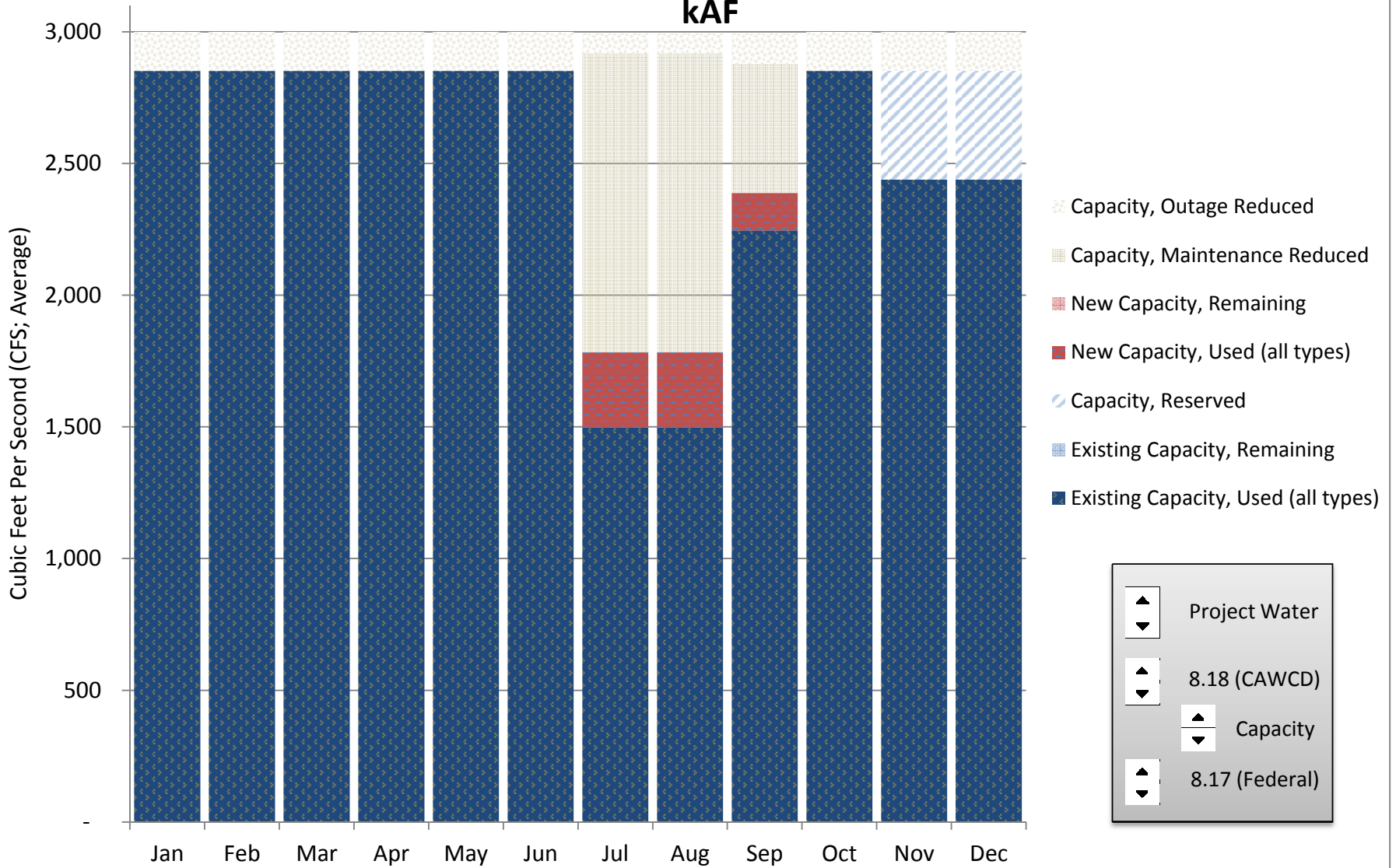




# West (Lake Havasu to Lake Pleasant)

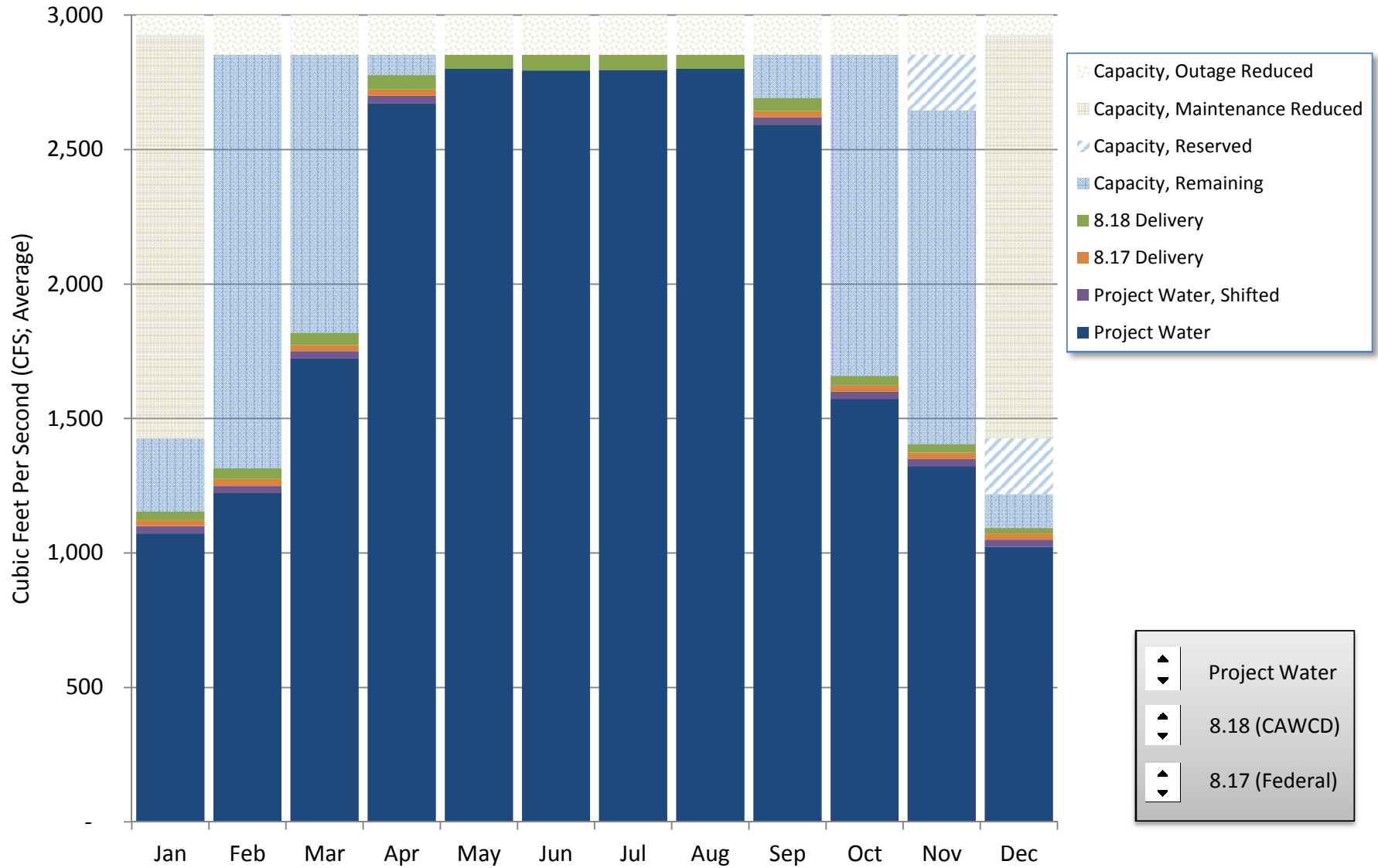
**Project Water: 1.8 MAF; 8.17: 14 kAF; 8.18: 40 kAF; New Capacity: 44**

**kAF**



# Central (Lake Pleasant to Picacho Peak)

Project Water: 1.5 MAF; 8.17: 11 kAF; 8.18: 30 kAF



# South (Picacho Peak to Tucson)

**Project Water: 300 kAF; 8.17: 3 kAF; 8.18: 10 kAF**

