EWUS - Water Supply

**Total Annual Supply**
- 23% Well: 51,972 Acre Feet
- 77% Surface Water: 174,791 Acre Feet

**2012 Water Use by Type**
- 34% Well: 26,270 Acre Feet
- 66% Surface Water: 52,087 Acre Feet

Total 226,763 Acre Feet

Total 78,357 Acre Feet
## EWUS - Water Balance

<table>
<thead>
<tr>
<th>District</th>
<th>Total Supply (MGD)</th>
<th>Firm Capacity (MGD) *</th>
<th>Historic Max Day Demand (MGD)</th>
<th>Overall Balance (MGD)</th>
<th>Balance Over (Under) Firm Supply (MGD) **</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCWC</td>
<td>15.00</td>
<td>14.00</td>
<td>11.70</td>
<td>3.30</td>
<td>2.30</td>
</tr>
<tr>
<td>Paradise Valley</td>
<td>22.10</td>
<td>18.00</td>
<td>16.40</td>
<td>5.70</td>
<td>1.60</td>
</tr>
<tr>
<td>Sun City</td>
<td>36.15</td>
<td>27.73</td>
<td>25.25</td>
<td>10.90</td>
<td>2.48</td>
</tr>
<tr>
<td>Sun City West</td>
<td>13.36</td>
<td>9.98</td>
<td>9.15</td>
<td>4.21</td>
<td>0.83</td>
</tr>
<tr>
<td>Anthem</td>
<td>9.70</td>
<td>7.70</td>
<td>7.00</td>
<td>2.70</td>
<td>0.70</td>
</tr>
<tr>
<td>Tierra Del Rio</td>
<td>3.70</td>
<td>2.09</td>
<td>0.10</td>
<td>3.60</td>
<td>1.99</td>
</tr>
<tr>
<td>Edgewood</td>
<td>1.67</td>
<td>1.21</td>
<td>0.94</td>
<td>0.73</td>
<td>0.27</td>
</tr>
<tr>
<td>Clovis</td>
<td>11.65</td>
<td>10.49</td>
<td>11.40</td>
<td>0.25</td>
<td>(0.91)</td>
</tr>
<tr>
<td>Mohave</td>
<td>13.23</td>
<td>9.63</td>
<td>10.96</td>
<td>2.27</td>
<td>(1.33)</td>
</tr>
<tr>
<td>Havasu</td>
<td>1.07</td>
<td>0.36</td>
<td>1.07</td>
<td>0.00</td>
<td>(0.71)</td>
</tr>
<tr>
<td>Tubac</td>
<td>1.34</td>
<td>0.87</td>
<td>0.30</td>
<td>1.04</td>
<td>0.57</td>
</tr>
<tr>
<td>Agua Fria</td>
<td>56.57</td>
<td>45.00</td>
<td>24.85</td>
<td>31.72</td>
<td>20.15</td>
</tr>
<tr>
<td>NE Agua Fria</td>
<td>6.40</td>
<td>3.73</td>
<td>2.00</td>
<td>4.40</td>
<td>1.73</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>191.94</strong></td>
<td><strong>150.79</strong></td>
<td><strong>121.12</strong></td>
<td><strong>70.82</strong></td>
<td><strong>29.67</strong></td>
</tr>
</tbody>
</table>

* Firm capacity - loss of largest single supply point

** Does not include storage
Use and Reuse

- 74,816 of potable to homes and businesses
- 3,541 AF to 18 turf-related facilities
- 13,615 AF recharged
  - 11,357 AF of CAP water
  - 2,258 AF of effluent
- 2,962 AF of direct reuse effluent delivered
Consumption, Prices and Tariffs

- Pricing for scarcity?
- Declining use and conservation
- Price signals
  - Increasing block structures conserve water, but they reduce revenue and impair utilities.
  - How do you match increasing blocks to revenue needs?
- Remedies
  - Decoupling rates
  - WRAM
Looking Forward

- Additional wells
- Alternative augmentation
  - Groundwater leasing
  - Developer projects
  - Surface water treatment
  - Recharge
  - System Improvement Benefit (SIB) mechanism
- Additional surface water supplies
  - ACC uses a historical test year
  - Challenges to future supply investments
Thank you