ARIZONA SNOWBOWL
San Francisco Peaks
SNOWBOWL NUMBERS

• THIRD LONGEST SKI SEASON – 144 DAYS
• FIFTH HIGHEST SKIER COUNT – 188,907
• THIRD LOWEST NATURAL SNOW – 98”
• MOST WATER FOR SNOWMAKING – 100 MG

• 2016-17 SEASON VISITATION 249,132
  (60,225, 24%)
ECONOMIC IMPACT

• EMPLOYMENT: 60 full time year round, 550 seasonal, $4.5 M payroll
• Over $1M in state sales tax, plus County & USFS fees
• Over 10,000 lodging packages in Flagstaff
• Summer homes now year round homes
• BBB (hospitality tax) double digit increase since 2012
• CVB and community now market year round
• Capital investment; $40 M since 2011 / another $25M in works
• Total community impact over $40 M
SNOWBOWL GUEST PROFILE
HIGHEST VISITATION ORIGIN

• MARICOPA COUNTY / PHOENIX 73%
• COCONINO COUNTY / FLAGSTAFF 10%
• PIMA COUNTY / TUCSON 7%
• YAVAPAI COUNTY / PRESCOTT 4%
• PINAL COUNTY / CASA GRANDE 3%
• ORANGE & SAN DIEGO COUNTIES 1.5%
• OTHER 1.5%
SNOWBOWL DEMOGRAPHICS

- 13-17 (250)
- 18-28 (1216)
- 20-39 (737)
- 40-44 (441)
- 45-54 (508)
- 55-64 (116)
- 65+ (31)

3297 Responses
Arizona Snowbowl
Annual Visitation versus Annual Snowfall, 1981 - 2018
SUPPLY LINE
TWO YEAR PROJECT
SUPPLY LINE
81,000 feet
SNOWMAKING FAN GUN
PRIMARY PUMPHOUSE & 10 MG POND
MOUNTAIN SYSTEM
SMART SNOW
FULLY AUTOMATED
FULLY AUTO & COMPUTERIZED
SUPPLY 1,000 GPM / MOUNTAIN 4,000 GPM*
PUMPING CONTROL ON MOUNTAIN
Snowmaking

- Breaks Water into Small Particles
- Cooling Water by Moving Through Cold Air
- Heat Removed
- Nucleating
  - An Initial Freeze Bonding Starter
  - 50 + gpm / 200 psi
  - creates ice crystals that water droplets attach
Water Required

• 1 acre x 12” deep = 1 acre foot snow
  = 250,000 gallons water to open (80%)
• 1 acre x 3 ft deep = 3 acre feet snow
  = 750,000 gallons water
• 8 acre ski trail / 24” of cover / 12 MG
• 120 acres X 24” = 72 MG / 221 acre feet of water
• City contract is 1.5 MG / day for 120 days
CAUTION:
RECLAIMED WATER
DO NOT DRINK
Rio de Flag or Wildcat Hill WRP
Treatment Process

Wastewater Customers
Reclaimed Customers

Septage
Influent
Screens
Aerated Grit Removal
Primary Clarifiers
Activated Sludge Process
Secondary Clarifiers
Filters
Disinfection
Reclaimed Water

Reclaimed Pumps
Distribution System
Storage Tank
Distribution System

17 CI
Chlorine 35.4527
<table>
<thead>
<tr>
<th>Type of Direct Reuse</th>
<th>Minimum Class of Reclaimed Water Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irrigation of food crops</td>
<td>A</td>
</tr>
<tr>
<td>Recreational impoundments</td>
<td>A</td>
</tr>
<tr>
<td>Residential landscape irrigation</td>
<td>A</td>
</tr>
<tr>
<td>Schoolground landscape irrigation</td>
<td>A</td>
</tr>
<tr>
<td>Open access landscape irrigation</td>
<td>A</td>
</tr>
<tr>
<td>Toilet and urinal flushing</td>
<td>A</td>
</tr>
<tr>
<td>Fire protection systems</td>
<td>A</td>
</tr>
<tr>
<td>Spray irrigation of an orchard or vineyard</td>
<td>A</td>
</tr>
<tr>
<td>Commercial closed loop air conditioning systems</td>
<td>A</td>
</tr>
<tr>
<td>Vehicle and equipment washing (does not include self-service vehicle washes)</td>
<td>A</td>
</tr>
<tr>
<td>Snowmaking</td>
<td>A</td>
</tr>
<tr>
<td>Surface irrigation of an orchard or vineyard</td>
<td>B</td>
</tr>
<tr>
<td>Golf course irrigation</td>
<td>B</td>
</tr>
<tr>
<td>Restricted access landscape irrigation</td>
<td>B</td>
</tr>
<tr>
<td>Landscape impoundment</td>
<td>B</td>
</tr>
<tr>
<td>Dust control</td>
<td>B</td>
</tr>
<tr>
<td>Soil compaction and similar construction activities</td>
<td>B</td>
</tr>
<tr>
<td>Pasture for milking animals</td>
<td>B</td>
</tr>
<tr>
<td>Livestock watering (dairy animals)</td>
<td>B</td>
</tr>
<tr>
<td>Concrete and cement mixing</td>
<td>B</td>
</tr>
<tr>
<td>Materials washing and sieving</td>
<td>B</td>
</tr>
<tr>
<td>Street cleaning</td>
<td>B</td>
</tr>
<tr>
<td>Pasture for non-dairy animals</td>
<td>C</td>
</tr>
<tr>
<td>Livestock watering (non-dairy animals)</td>
<td>C</td>
</tr>
<tr>
<td>Irrigation of sod farms</td>
<td>C</td>
</tr>
<tr>
<td>Irrigation of fiber, seed, forage, and similar crops</td>
<td>C</td>
</tr>
<tr>
<td>Silviculture</td>
<td>C</td>
</tr>
</tbody>
</table>