Welcome to the Grand Canyon State and WTF (Welcome to Flag)

NO DAYLIGHT SAVING TIME
State Icons

- Ringtail
- Cactus Wren
- Neckwear: bola tie
- Mountain Treefrog
- Saguaro Blossom
- Gem: turquoise
- Fossil: petrified wood
- Colt single-action army revolver
- Arizona ridgenose rattlesnake
- Arizona Trout
- Palo Verde
5 C’s of Arizona

- Cotton
- Cattle
- Copper
- Citrus
- Climate
Land Ownership

- 22 National Parks, Monuments, Recreation Areas, Memorials, Historical Parks more
- 6 National Forests; 7 National Wildlife Refuges

### Table 3: Land Ownership in Arizona

<table>
<thead>
<tr>
<th>Ownership Type</th>
<th>Percentage of State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bureau of Land Management</td>
<td>16.69</td>
</tr>
<tr>
<td>Bureau of Reclamation</td>
<td>0.24</td>
</tr>
<tr>
<td>National Forests</td>
<td>15.30</td>
</tr>
<tr>
<td>National Parks and Monuments</td>
<td>3.55</td>
</tr>
<tr>
<td>Military</td>
<td>3.78</td>
</tr>
<tr>
<td>National Wildlife Refuges</td>
<td>2.35</td>
</tr>
<tr>
<td><strong>Total Federal Lands</strong></td>
<td><strong>41.43%</strong></td>
</tr>
<tr>
<td>Tribal Governments</td>
<td>27.59</td>
</tr>
<tr>
<td>State Trust</td>
<td>12.73</td>
</tr>
<tr>
<td>AZ Game and Fish Department</td>
<td>0.05</td>
</tr>
<tr>
<td>Local or State Parks</td>
<td>0.22</td>
</tr>
<tr>
<td>Private</td>
<td>17.52</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Percentages based on Arizona State Land Department Ownership GIS Data, October 2010
Tribes in Arizona

- 21 recognized tribes
- 27% of the total land of AZ
- Largest reservation in the US – Navajo Nation (has own Heritage Program and goes on Day Light Saving Time)
- Second largest reservation in the US – Tohono O’odham
- World renowned Heard Museum in Phoenix
Mountains

- Arizona has 3,928 mountain peaks and summits—more mountains than any one of the other Mountain States (Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming)
- 26 peaks that are more than 10,000 feet in elevation
- Rising to a height of 12,643 feet, Mount Humphreys north of Flagstaff is the state’s highest mountain
Sky Islands
Biodiversity

- Highest Biodiversity of any land locked state
  - 134 mammals; 28 species of bats; 11 introduced
  - 36 native fish; over 70 non-native and sportfish
  - 25 amphibians (1 salamander – 3 subspecies)
  - 107 reptiles (13 rattlesnakes)
  - 534 birds (300 have documented breeding)
  - Almost 4000 plants (average of 12 new species annually)
  - 2000+ invertebrates (220 snails and mussels); no native crayfish
Reintroduction and Repatriation/Augmentation

- Mexican gray wolf: March 1998
- California Condor: 1996
- Black-footed ferrets: 1996
- Chiricahua leopard frog: 2010 - present
- Tarahumara leopard frog
- Narrow-headed gartersnake
- Black-tailed Prairie Dog: 2009
- Desert Pupfish: 1980s - present
- Gila topminnow: 1980s - present
- Razorback Sucker: 1990s - present
- Gila trout
Observatories

Mount Graham

Naval

Lowell

Kitt Peak
Spanish Terms in SW Ecology

- **Tinaja** – natural water catchment

- **Bajada** – broad slope of debris along the lower slopes of mountains

- **Cienega** – spring (usually wet) at the foot of a mountain or in a canyon

- **Playa** – (normally) dry lake

- **Arroyo** – wash or dry creek bed
Flagstaff

- Named after a ponderosa pine tree stripped to hang a flag for the US Centennial
- Flagstaff is located in the world’s largest contiguous ponderosa pine forest (although Montana’s state tree)
- County seat for Coconino County
- 7000ft elevation
- Cost of living is 20% higher than national average
- Gateway to the Grand Canyon
- Population is 65,000
- On average, 100 trains pass through Flagstaff in a day
- Home to Northern Arizona University
Breweries

**Stumbling Distance:**
- Mother Road: 7 Mikes Pike  0.3mi
- Lumberyard Brewing Co: 5 S San Francisco 0.4mi
- Beaver Street Brewery: 11 Beaver St. 0.3mi
- Flagstaff Brewing Co: 16 Historic Rte 66 0.5mi

**Taxi Distance:**
- Wanderlust Brewing 1519 N Main St. #102  2.6mi
- Historic Brewing Co: 4366 E Huntington Dr  4.7mi

Flagstaff to Grand Canyon Ale Trail:
http://www.flagstaffaletrail.com/#!breweries--discounts/c1jue for coupons
Field Trips

Sunset Crater National Monument
Wupatki National Monument
Page Spring Fish Hatchery