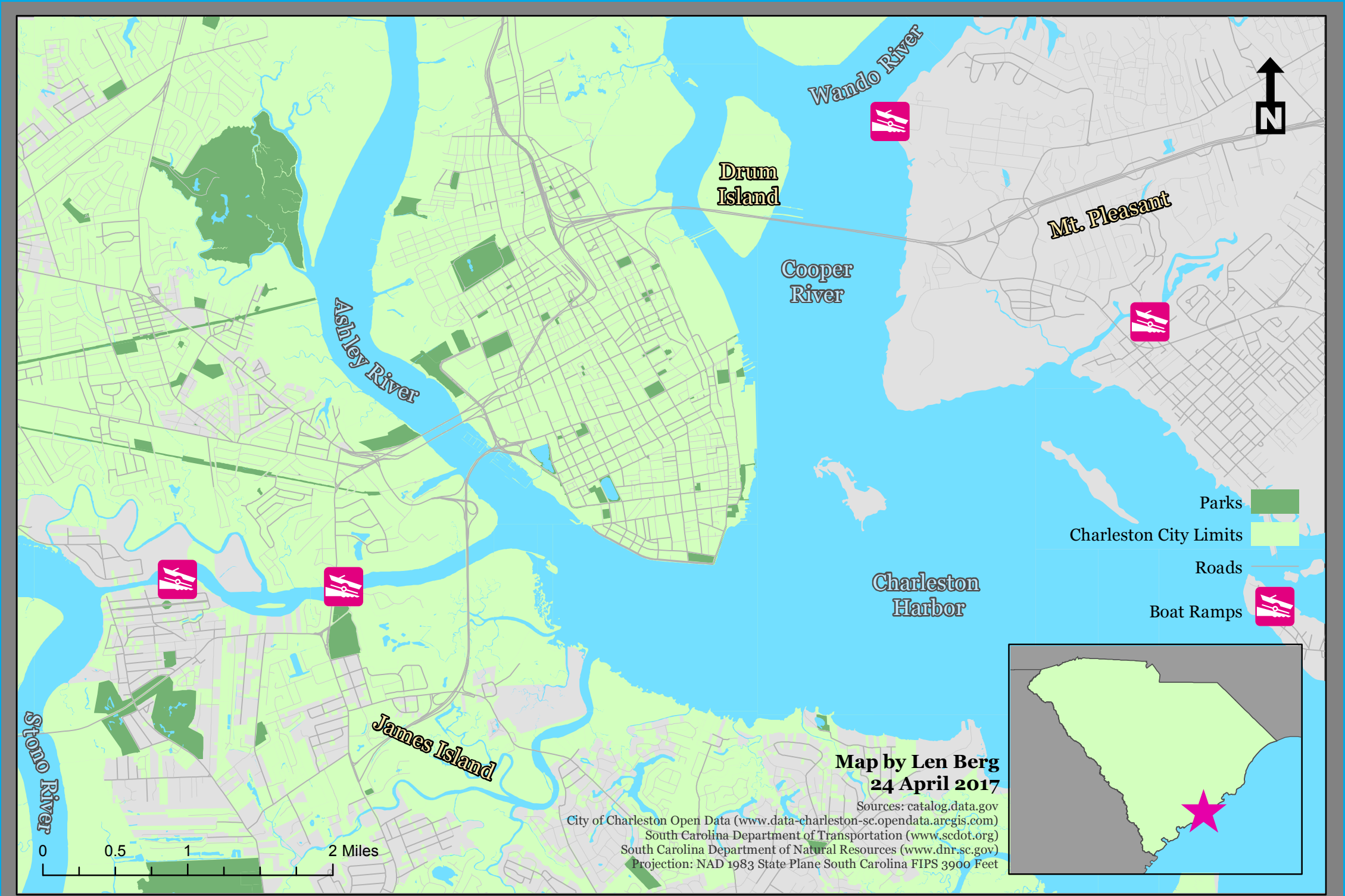
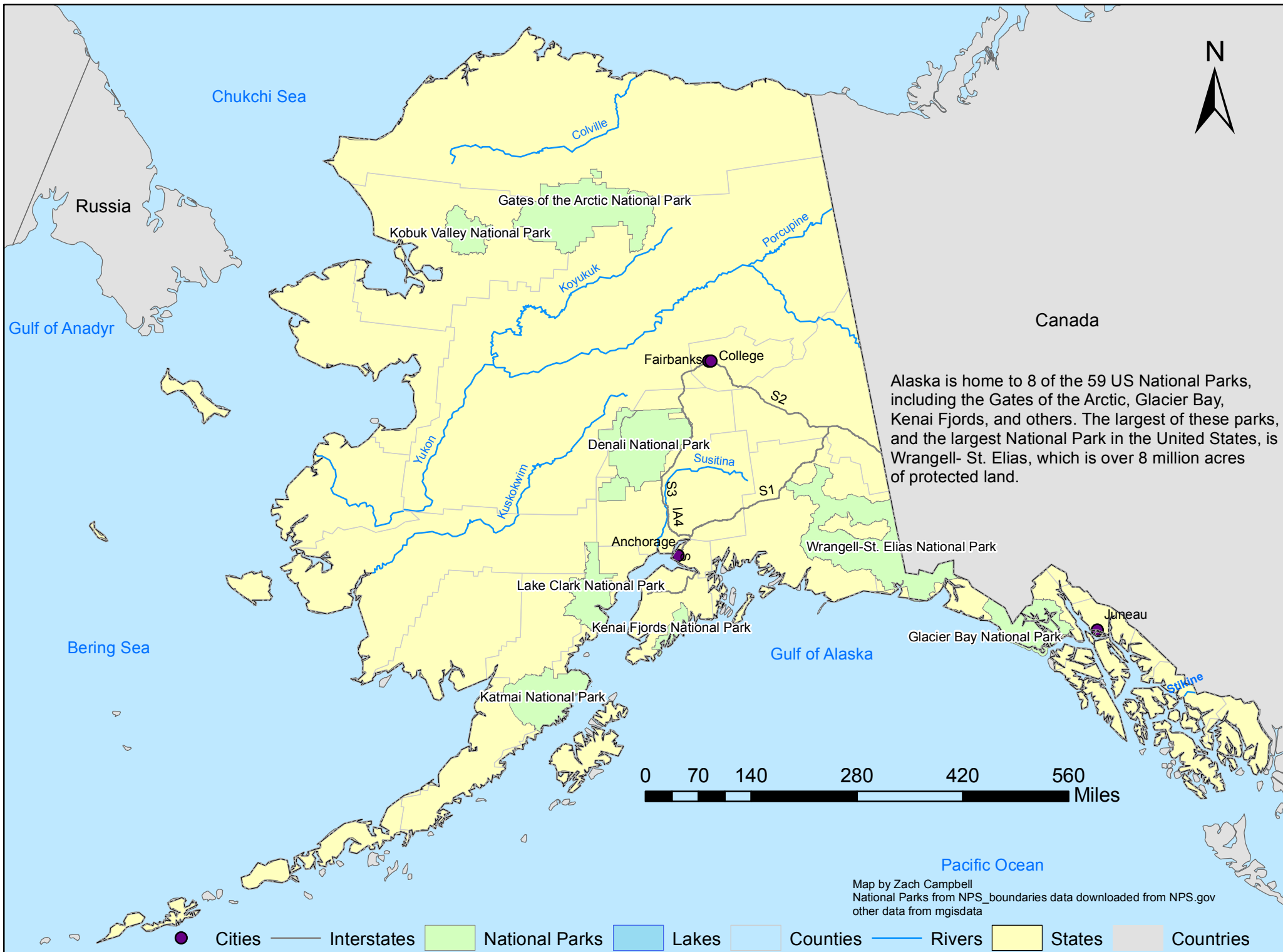


BOATING IN CHARLESTON

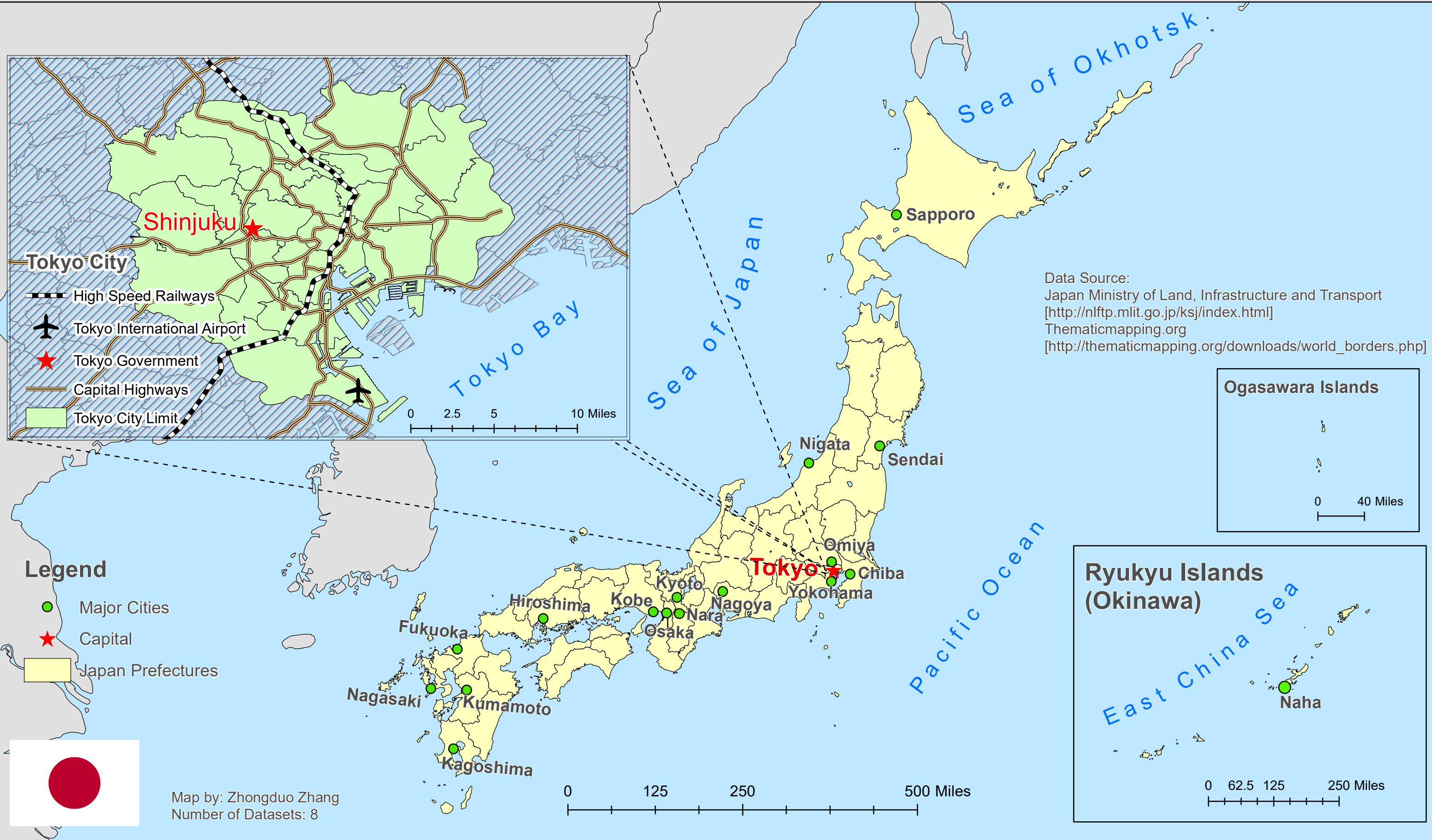
Visit Charleston, the South Carolina port city synonymous with boat access! Worried about finding a place to access Charleston's gorgeous waterways with your large, beautiful boat? Worry no more! There's boat ramps all over!



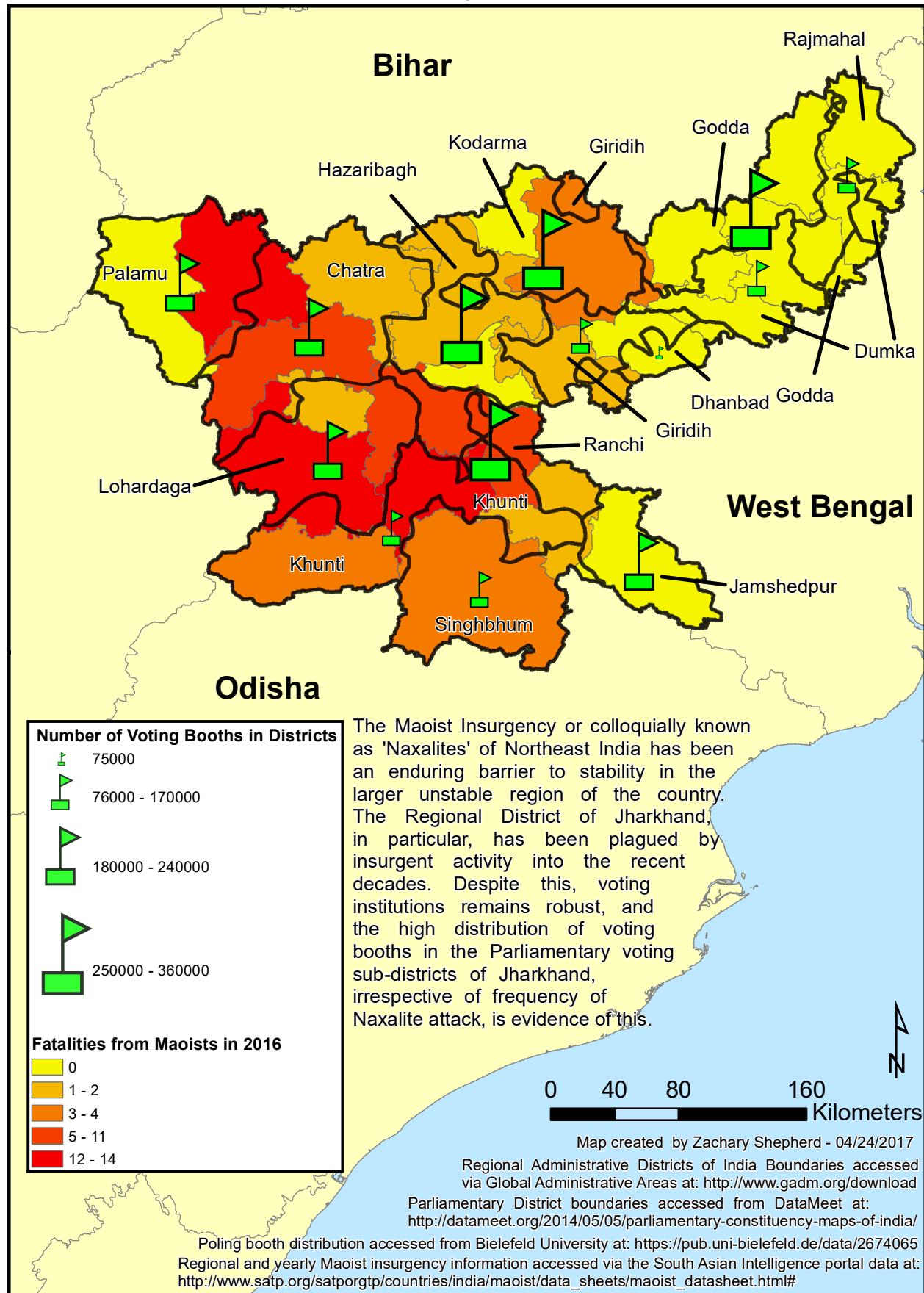
Alaska and its National Parks



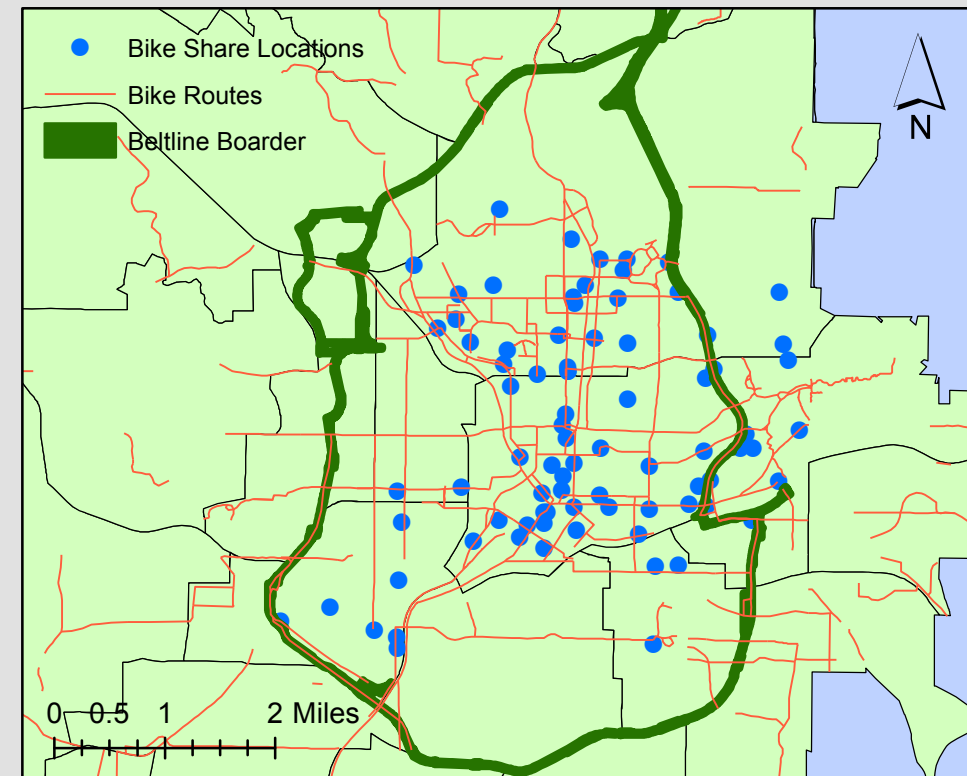
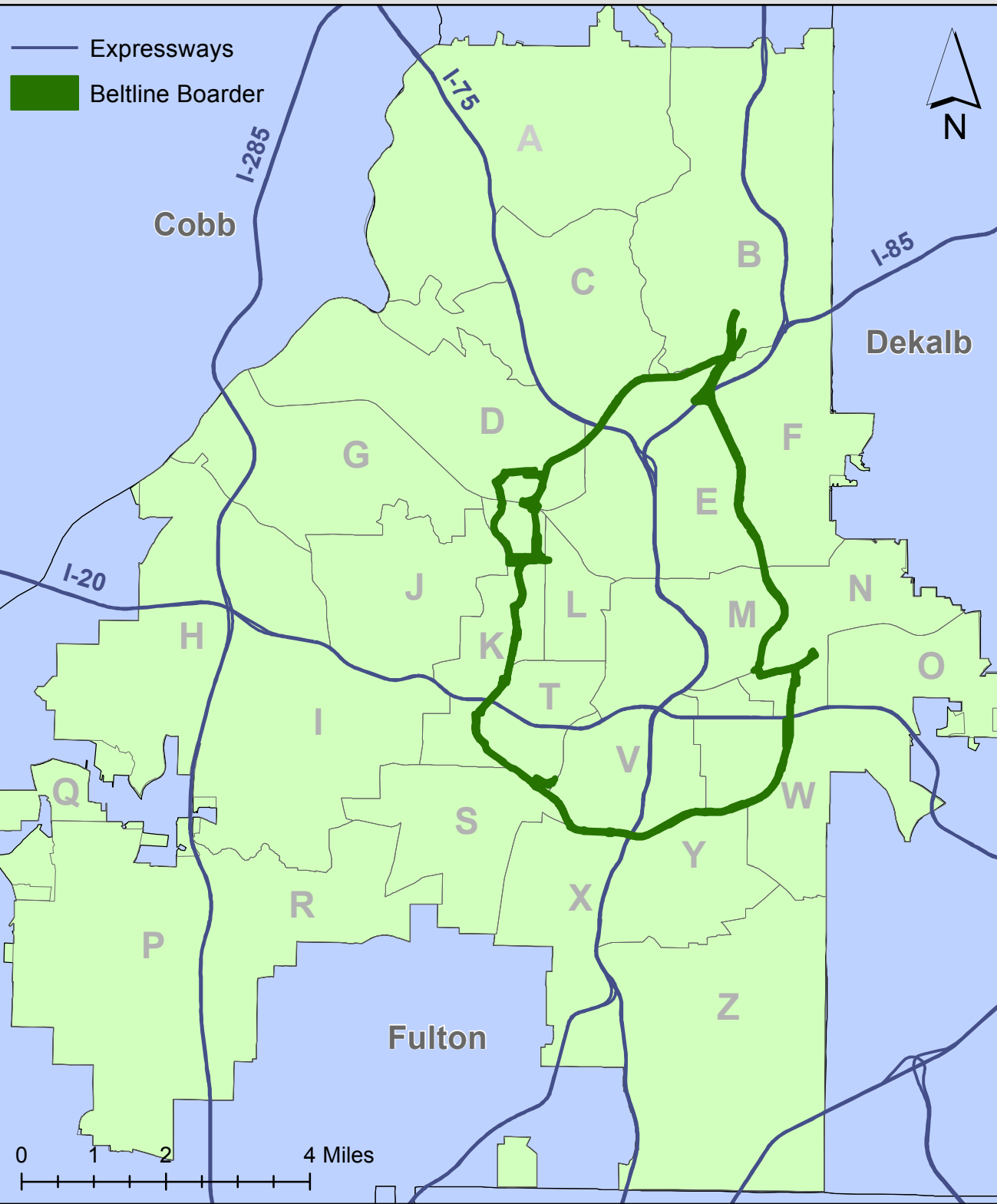
Map of Japan



Maoist Insurgent Attack Frequency in Jharkhand local Parliamentary Districts in India



Atlanta's NPU's and the Beltline



Atlanta is broken up into 25 Neighborhood Planning Units, or NPU's for short, each of which is labeled with a letter of the alphabet and is made up off anywhere from 2 to 20 neighborhoods. 15 NPU's are intersected by the Atlanta Beltline and within them over 45 neighborhoods are intersected. The Beltline consists of 33 miles of multi-use trails and 2,000 acres of parks. One of the main uses of the Beltline is for biking, both recreationally and for transportation. Through this, the biking trails and bike share network has increased greatly in the neighborhoods surrounding the Beltline.

The United States of America



Alaska

0 450 900 Miles

CANADA

Maine

Vermont

New Hampshire

Massachusetts

Rhode Island

Connecticut

New York

Pennsylvania

New Jersey

Delaware

Maryland

North Carolina

South Carolina

Georgia

Florida

Atlantic Ocean

Michigan

Wisconsin

Minnesota

North Dakota

South Dakota

Montana

Wyoming

Idaho

Oregon

Washington

Nevada

Utah

California

Arizona

New Mexico

Colorado

Nebraska

Iowa

Illinois

Indiana

Ohio

West Virginia

Virginia

Kentucky

Tennessee

Arkansas

Mississippi

Alabama

Texas

Louisiana

Oklahoma

MEXICO

Gulf of Mexico

Hawaii

0 100 200 Miles

0 150 300 Miles

Legend

- State Capitals
- Major Rivers
- States
- Countries

Florida's Major Parks

Map By: Sutton Garrett

This map displays an overview of the parks in Florida which are over 1000 acres total. There are 65 total parks in the state which fall under this category. Other than these parks, also shown in the map are the county boundaries, major cities and major rivers in Florida.



Data Sources:

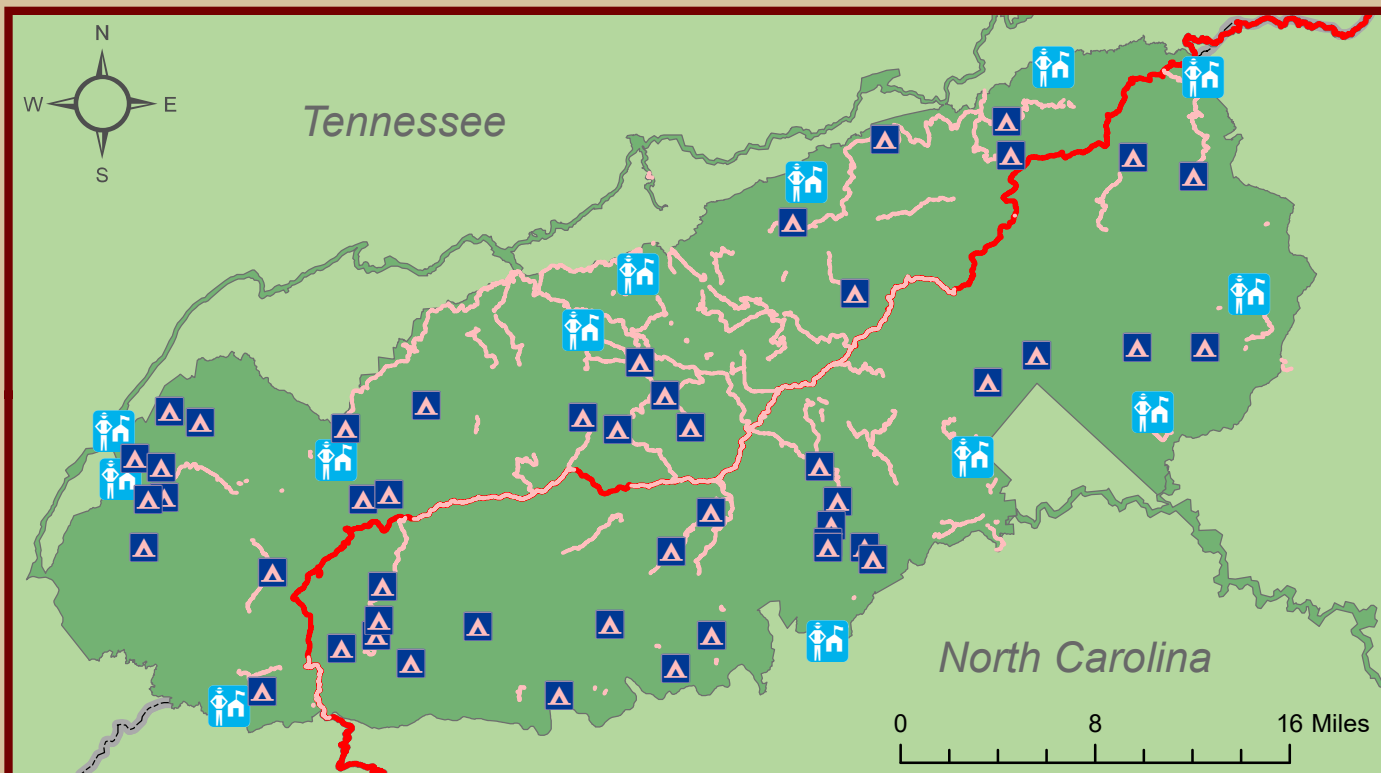
River Data: Florida Department of Environmental Protection
Parks Data: University of Florida GeoPlan Center
States Data: ArcGis Online

Continents Data: ArcGis Online

City Data: ArcGis Online

County Data: United States Census Bureau

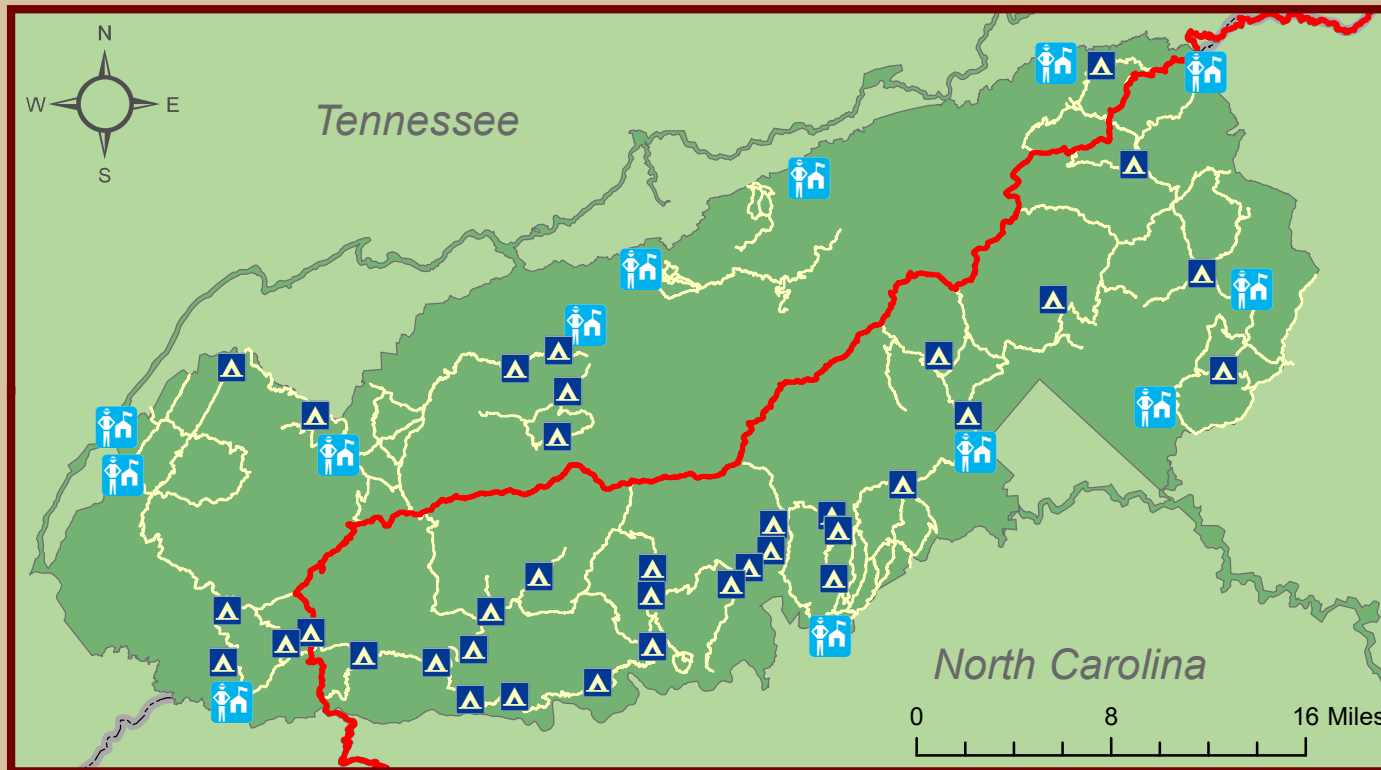
Lakes in U.S. Data: ArcGis Online



Hiking and Horse Trails of the Great Smoky Mountains National Park

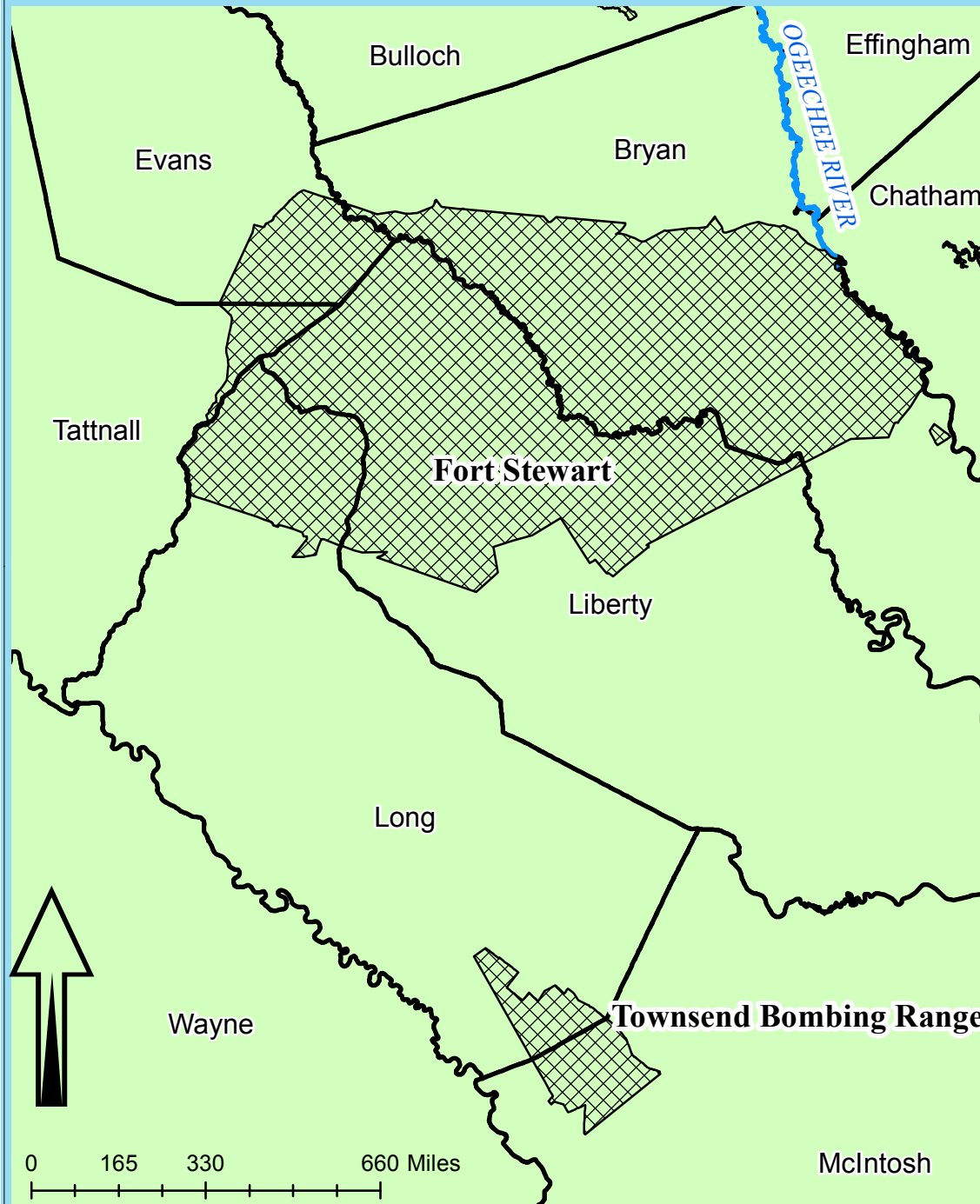
Legend

- Great Smoky Mountains National Park Boundary
- State Boundaries
- ⤴ Ranger Stations
- Appalachian Trail
- Hiker Accessible**
- Hiker Trails
- ⤴ Hiker Accessible Campgrounds
- Horse Accessible**
- Horse Trails
- ⤴ Hiker and Horse Accessible Campgrounds



The Great Smoky Mountains National Park is full of trails and campsites for any type of hiking. For those looking for less public campsites, there are several backcountry campsites available both by hiking and by horseback. In the top map, the backcountry campsites that are available only by hiking are shown. Additionally, the hiker only trails are displayed. Many of the campsites can be reached by these trails, but there are a few that cannot and require straying from the paths. In the bottom map, campsites that can be reached by horseback are shown, along with the horse trails. Whether you're traveling by foot or by horse, there are plenty of places to explore in the Great Smoky Mountains!




Department of Defense Properties in Southeast Georgia



This map is a depiction of the lands owned and operated by the Department of Defense. During the time that the United States has been a national superpower, the U.S. military has need places to train and deploy troops, equipment, and information. The state of Georgia is no exception to these needs. Georgia offers a wide range of applicable training facilities that allow our nation's military forces to operate, train, hold equipment, and gather intel. The main training facilities that are used by the Department of Defense are in the southeastern part of the state. Fort Stewart and the Townsend Bombing Range. These two facilities are a very integral part of the culture in south Georgia. Both have been established since the early 1940s and have strived to produce the most capable soldiers to our nation's military forces.

These parcels of land are well over 1,000,000 square feet in size. This amount of space is critical to ensure the safety of both the soldiers inside the facility and the citizens outside the facility. Both of these parcels of land are heavily guarded by 24/7 security detail around the entirety of the property. Electric fences are places around the perimeter to add another layer of security.

Georgia has many more properties that are used for the same purposes throughout the state, but these two happen to be the most well known and used.






-  Department of Defense Properties
-  Major Rivers in Georgia
-  Counties in Georgia



Map Created by Jackson Orr

Zion National Park

And its Rock Layers

-  Zion Boundary
-  Shale
-  Limestone
-  Sandstone
-  Major Roads


Vegetation can be found throughout Zion National Park, as indicated by the pale yellow along with the grey areas that are visible in the map. However most of this vegetation is low lying as the only closed canopy coverage is location near the center of the park and towards northeast corner.

Zion National Park is dominated by sandstone rock layers. The Kolob Canyons and Zion Canyon are two of the top attractions at the park and both are in heavy sandstone areas. Shale layers can be found at the southwest corner and the limestone layers can be found in the northeastern corner of the park, both are near bodies of water. The shale layers also have some chinle and moenkopi formations while the limestone contains kaibab, moenkopi, and carmel formations.



Map By Edwin Derner 4/24/2017
Data Sources: Data.gov and National Park

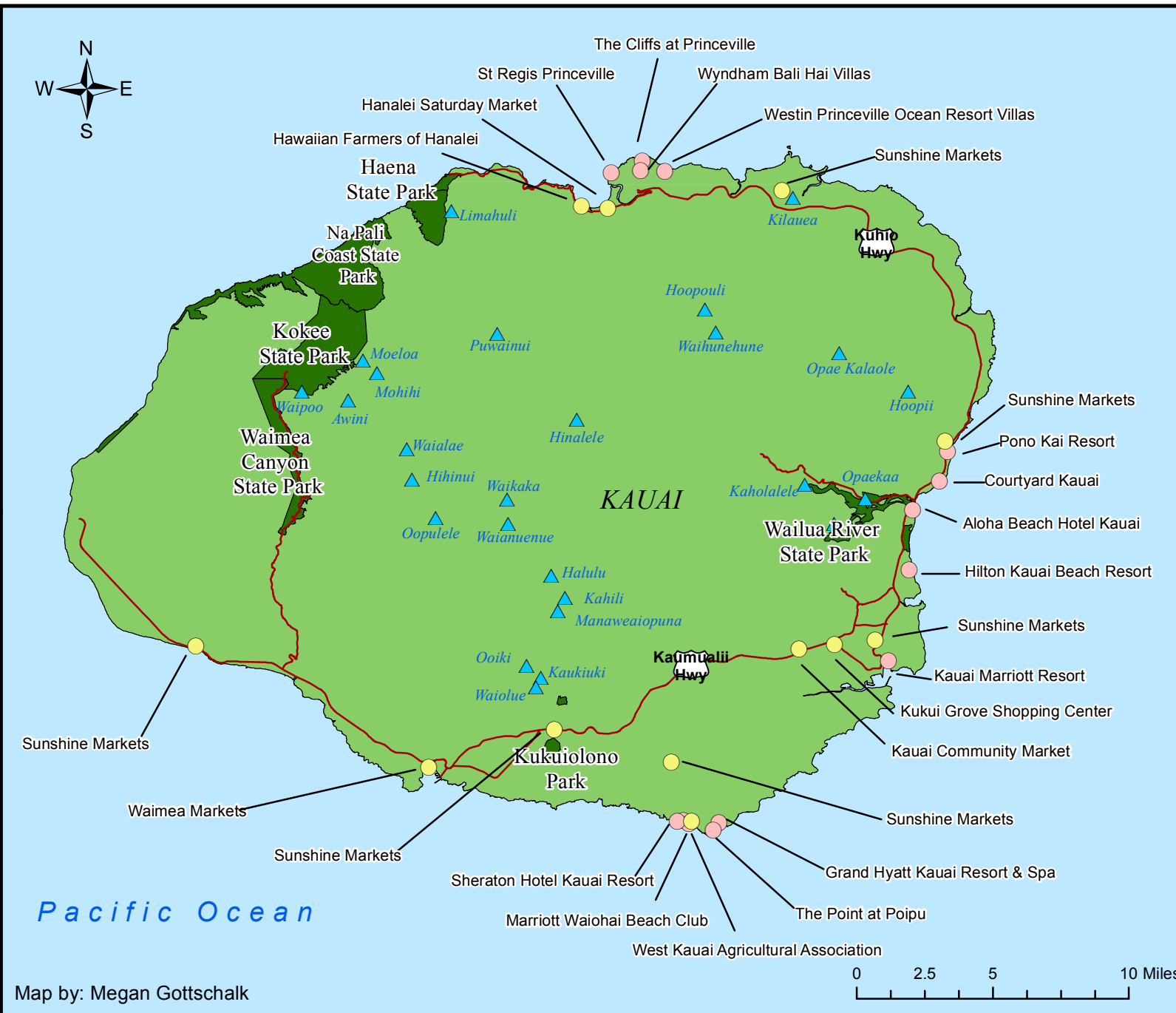
0 2.5 5 Miles



Visiting Kauai

Kauai is Hawaii's fourth largest island and is sometimes called the "Garden Isle", which is an entirely accurate description. The oldest and northernmost island in the Hawaiian chain is draped in emerald valleys, sharp mountain spires and jagged cliffs, aged by time and the elements. Centuries of growth have formed tropical rainforests, forking rivers and cascading waterfalls. Some parts of Kauai are only accessible by sea or air, revealing views beyond your imagination.

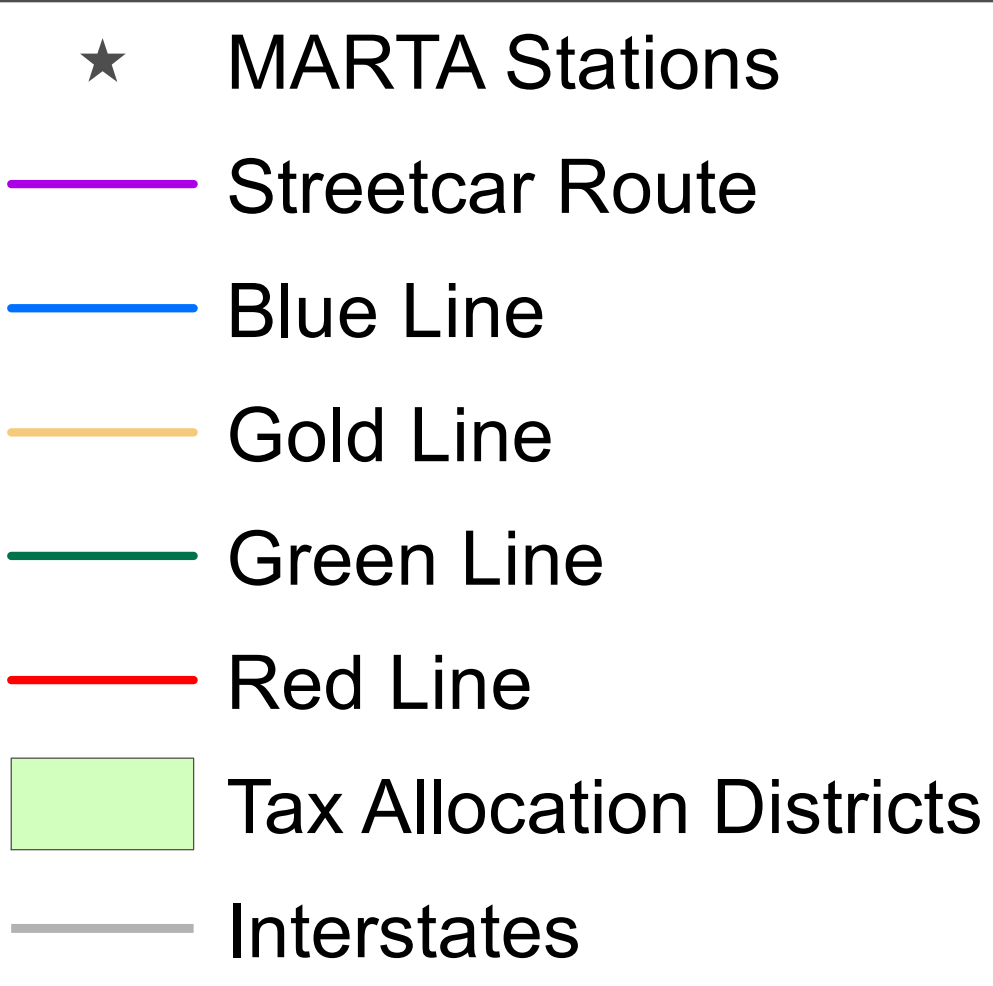
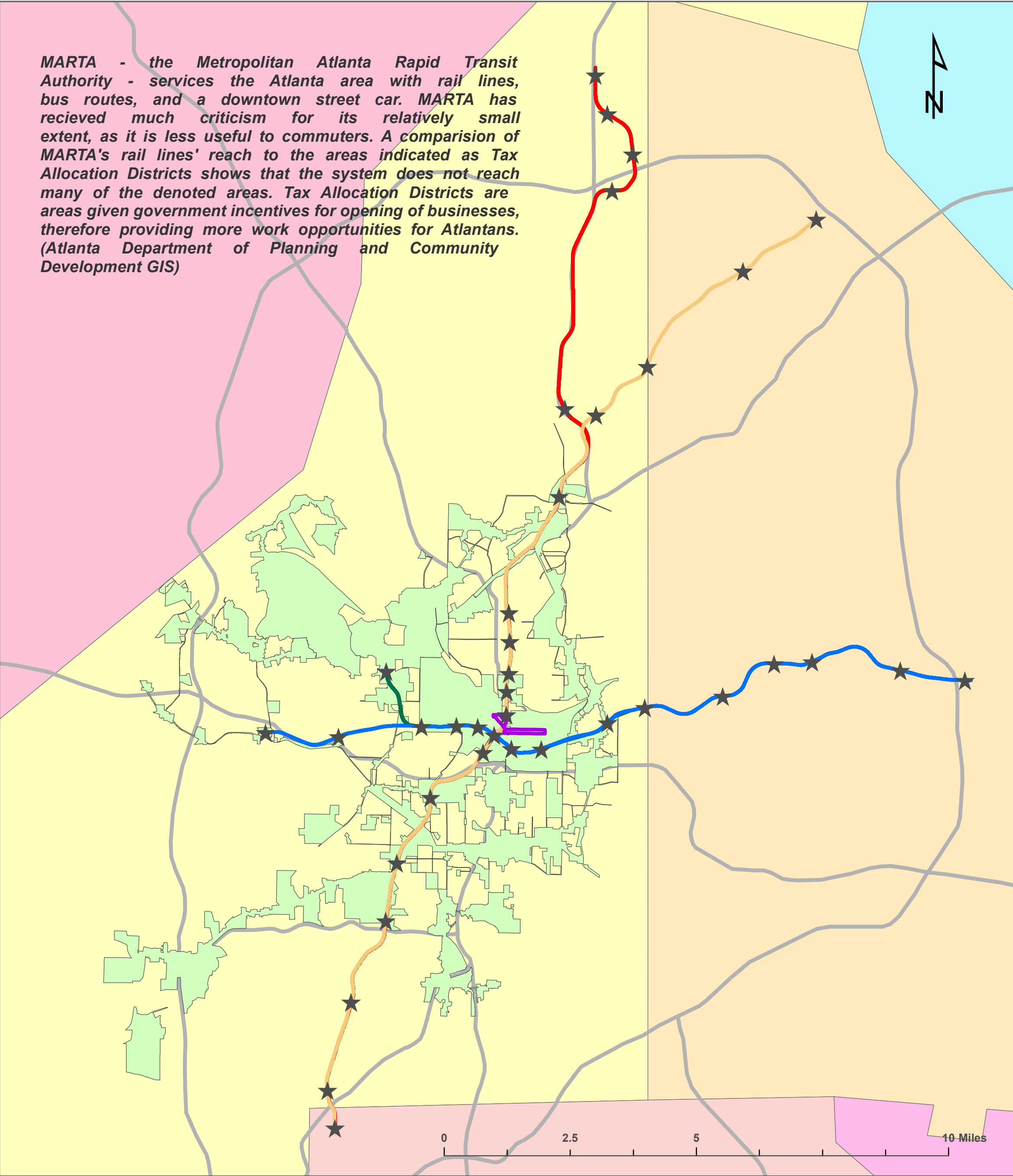
All data for this map is from State of Hawaii, Office of Planning.



Legend

- State Roads
- Major Hotels
- Farmer's Markets
- ▲ Major Waterfalls
- Parks

MARTA - Mobilizing Atlanta



Map of MLB Cities



Map by Kevin Gross
24 April 2017

Country and State Boundary Data:
DIVA-GIS
Great Lakes Boundary Data:
ScienceBase
Stadium Point Data:
ScienceBase
Stadium Imagery Rasters:
EarthExplorer
MLB Logo Picture:
MLB.com



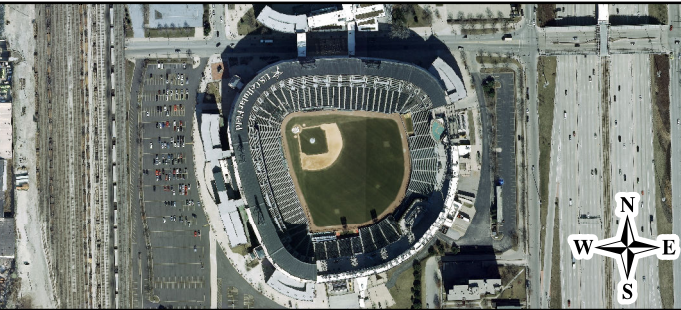
This map shows cities with teams represented in Major League Baseball (MLB). Satellite images of active stadiums I have visited are shown below. There are 28 cities in the MLB that represent 30 teams. Two cities, New York and Chicago, have two teams. The newest MLB cities are Phoenix and Tampa.

- ⊕ City with MLB Ballpark
- ⬠ Active Stadiums I've Visited

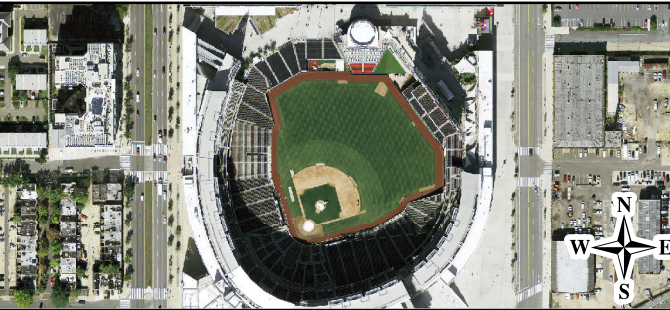
Petco Park - San Diego Padres



US Cellular Field - Chicago White Sox



Nationals Park - Washington Nationals



Massachusetts Bay Transportation Authority

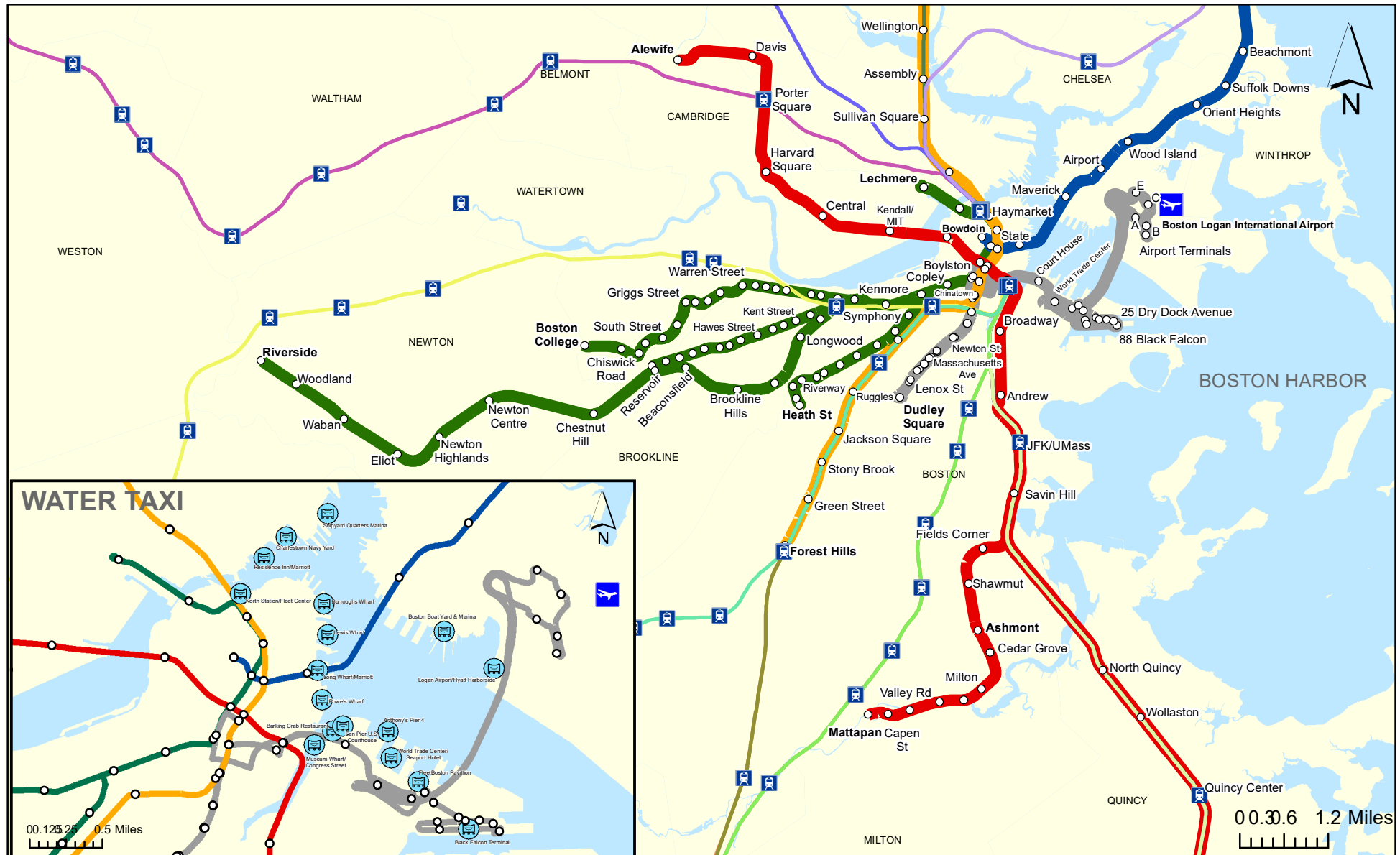
Rapid Transit Routes

www.mbta.com



Map created by: Yifan Gao
2017.4.22

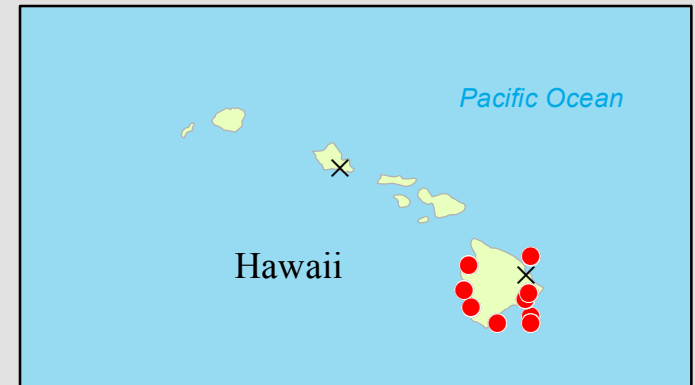
Customer Service and Travel Information:
617-222-3200, 1-600-392-6100



Commuter Rail — Fairmount — Foxboro — Greenbush — Kingston/Plymouth — Newburyport/Rockport — Haverhill — Lowell
 — Fitchburg — Franklin — South Coast — Middleborough/Lakeville — Providence/Stoughton — Needham — Worcester

MBTA — BLUE — GREEN — ORANGE — RED — SILVER — **Others** — watertaxi — Airport

Probable or Definite Past Tsunami Events in the United States from 1700 - 2015



Sources: www.census.gov/geo/maps-data/data, hifld-dhs-gii.opendata.arcgis.com, opendata.arcgis.com

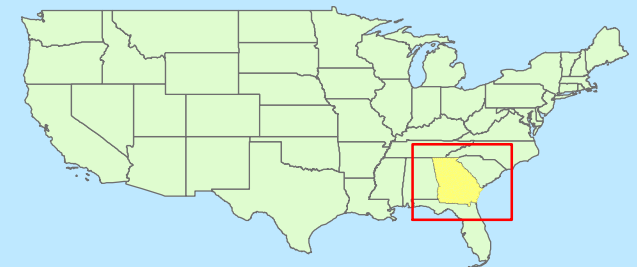


Georgia Colleges

Georgia has over 180 different college locations across the state but only has seven division one colleges. As you can see from the map over half of them are located in the northern portion of the state. Three of them are located in the Atlanta area. To be division I a school must have at least seven sports for men and seven for women. Each season has to be represented by each gender too. There are many other rules set forth for each team but these are the main rules for the schools.

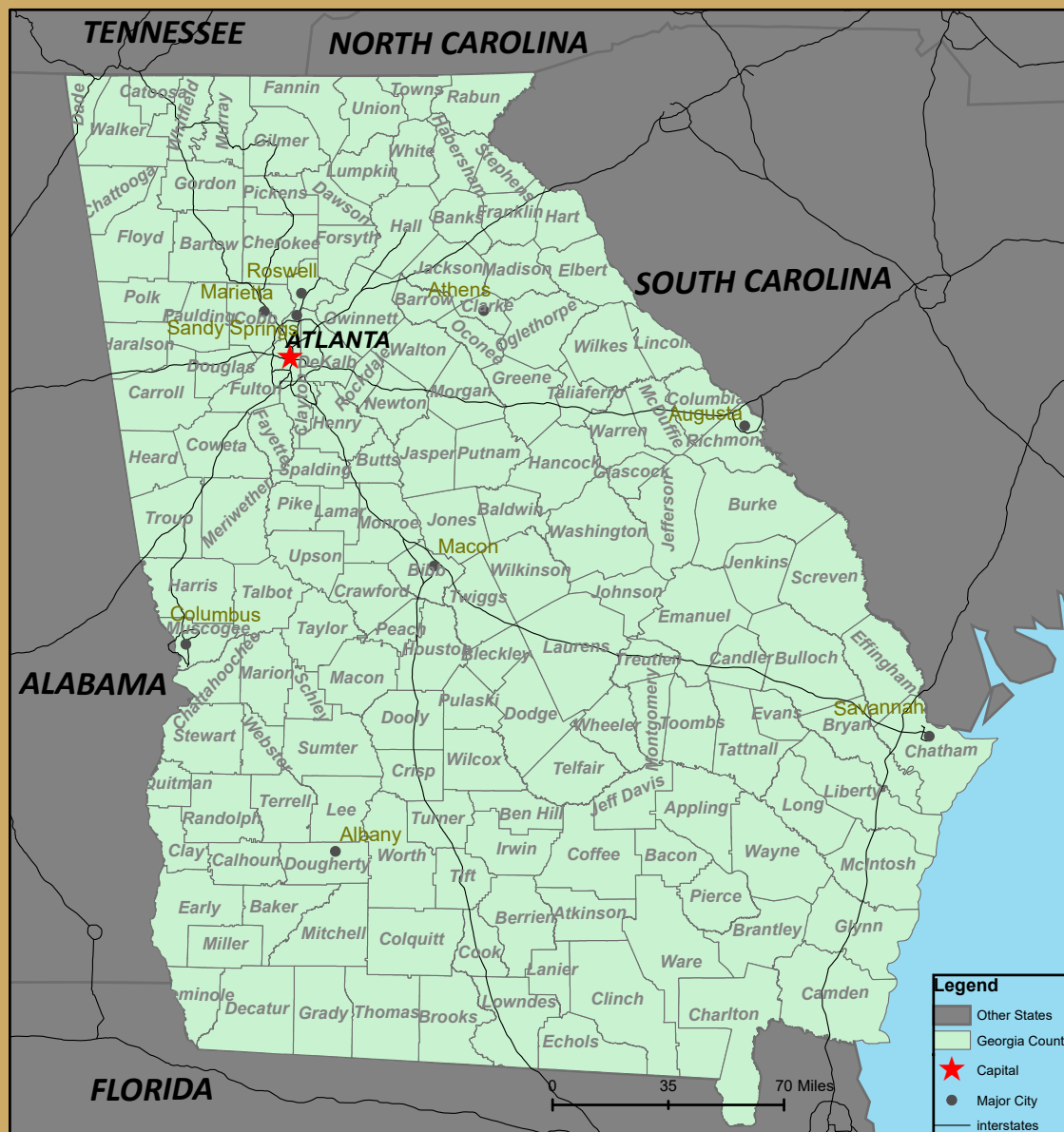
Works Cited

The colleges data set was taken from USGS 'sciencebase.gov'.
My states data set was retrieved from the United States Census Bureau 'www.census.gov'.
The expressways and counties data set were both taken from data.gov 'catalog.data.gov'.



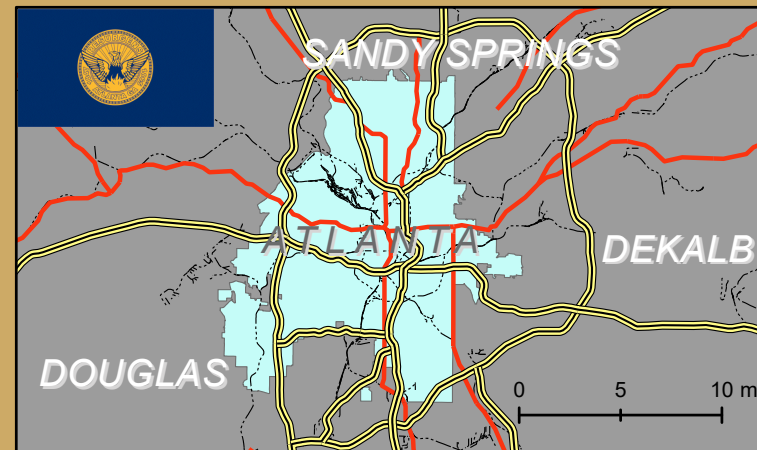


Georgia Counties and Major Cities

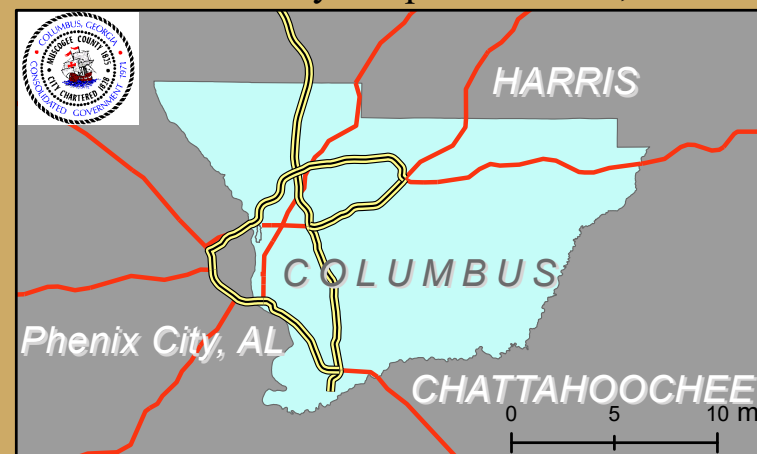


Georgia is a state in the southeastern United States. It was established in 1733, the last of the original Thirteen Colonies. Atlanta is the state's capital, its most populous city and has been named a global city. It has the most population of all cities in Georgia. Columbus is the second largest city in Georgia. It is located on the west border of Georgia. Savannah is the third largest city in Georgia, it's located in the east coast of Georgia. Savannah's borders are entangled with Chatham county.

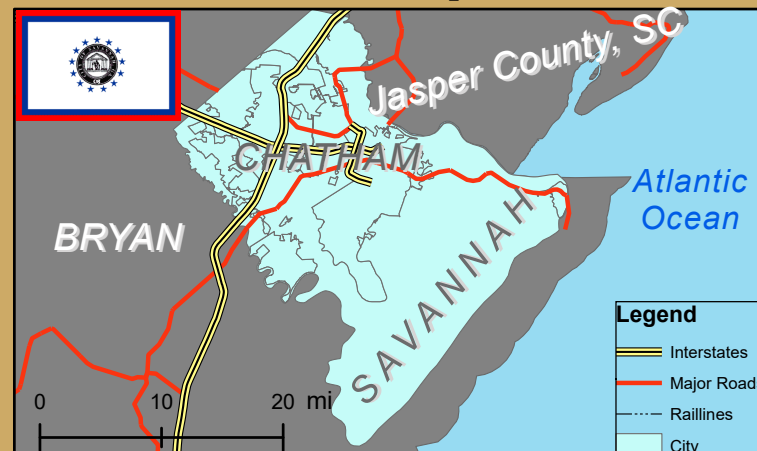
Atlanta City Population: 447,871



Columbus City Population: 202,824



Savannah & Catham Population: 421,206

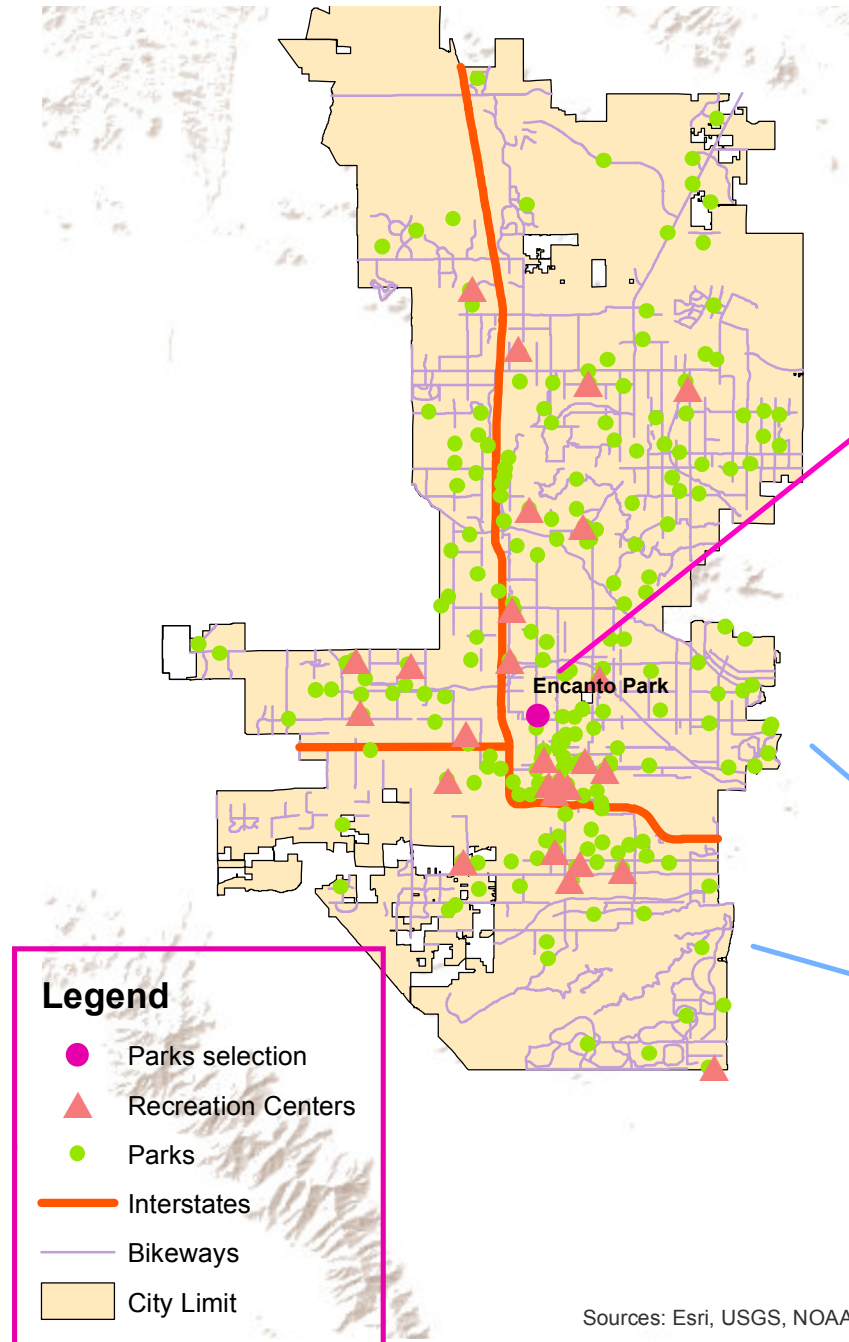


Why Phoenix Is More Than Desert

Yes, Phoenix is in the middle of Arizona, which we tend to associate with dry, hot climate and barren vegetation. However being the capitol, it has grown into a city that supports human life and activity in a fulfilling way. This map shows some indicators of this development: green-space, bikeways, and recreational centers.

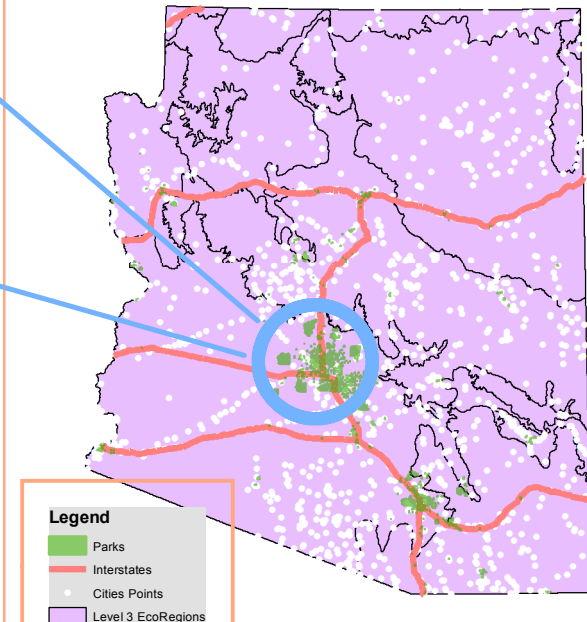


Number 15 for most bike friendly cities, Phoenix has found a way to provide alternative transportation solutions for citizens with its intricate bikeway system.



Encanto Park is greenspace that includes, but is not limited to, a pool, golfcourse, lake, a tennis and basketball court. It creates a space that promotes community involvement and push cultural experiences.

Arizona Here one can see that Arizona is a Level 3 EcoRegion, which is defined by its species and environmental conditions.



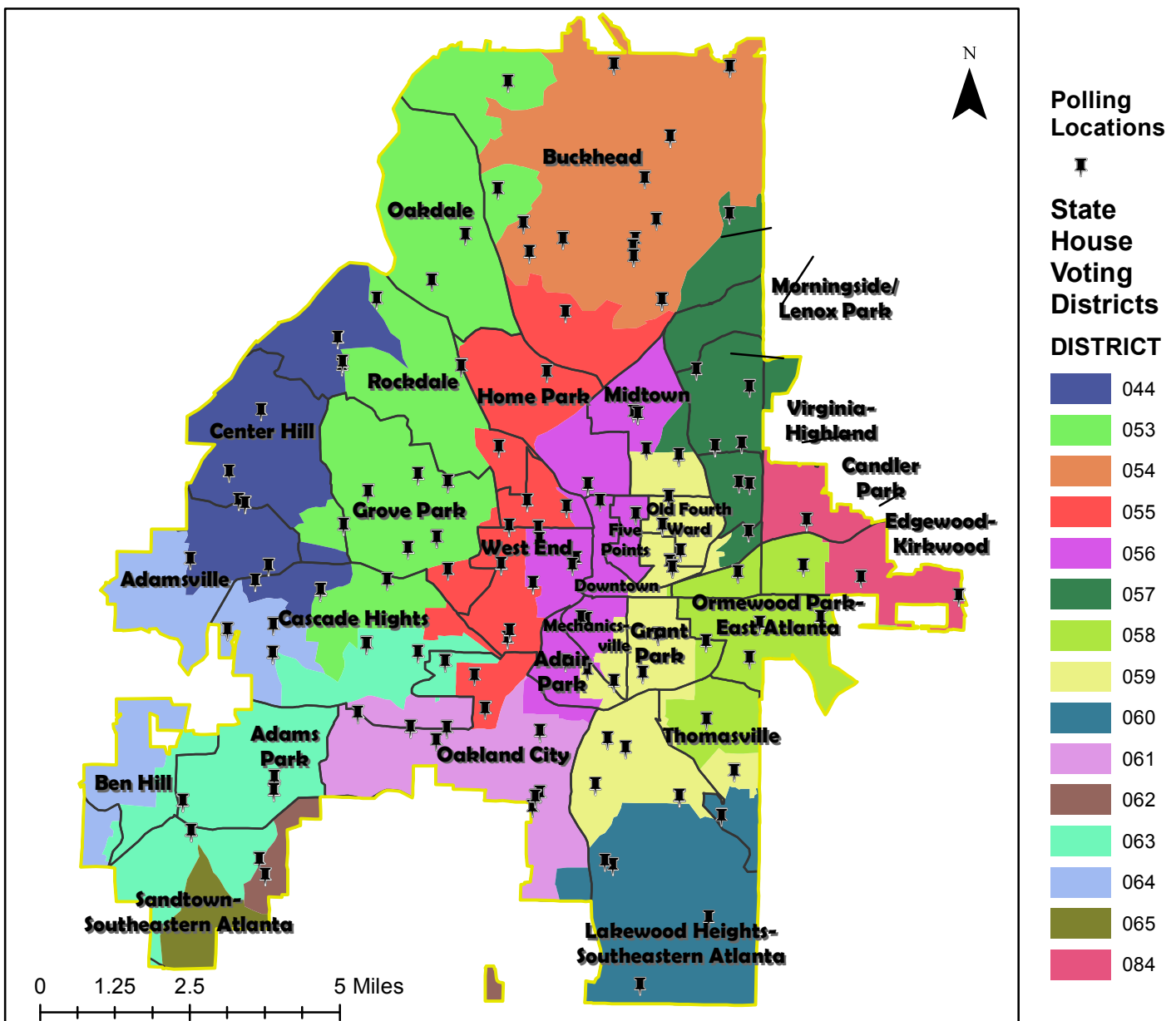
Sources: Esri, USGS, NOAA

Voting Districts and Polling Places in Atlanta Neighborhoods

To be eligible to vote in Georgia you must be:

- A citizen of the United States
- A legal resident of Georgia and of the county in which you wish to vote
- At least 18 years of age by Election Day
- Not serving any sentence imposed by the conviction of a felony
- Not judicially determined to be mentally incompetent
- If you are registering for the first time, or if you have moved to a new address, the deadline for registering is 30 days before the election.

To learn more about the candidates and where to vote, visit the League of Women Voters Guide to 2016 Elections on ajc.com



Sources:

<http://share.myfultoncountyga.us:8080/geoportal/catalog/main/home.page>

Atlanta Region Information System (ARIS) Volume 1c <https://data.georgiaspatial.org/>

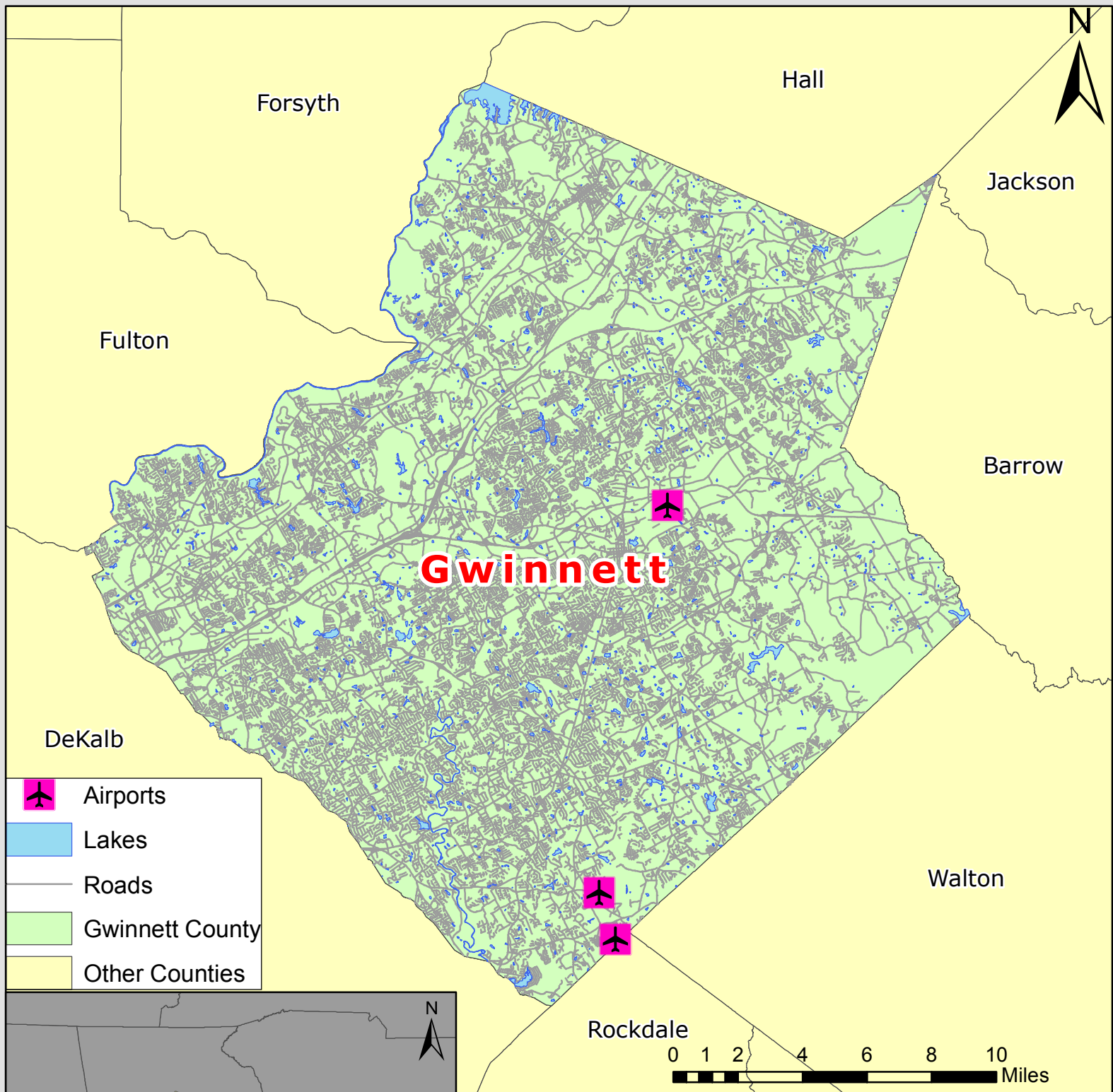
<http://statisticalatlas.com/place/Georgia/Atlanta/Overview>






<http://www.ajc.com/news/state--regional-govt--politics/atlanta-voter-guide-2016/777jrZdEA0cni4wf6uGUBL/>

Map by Emily Phillips
4/24/17



MOVING AROUND GWINNETT



-  Airports
-  Lakes
-  Roads
-  Gwinnett County
-  Other Counties



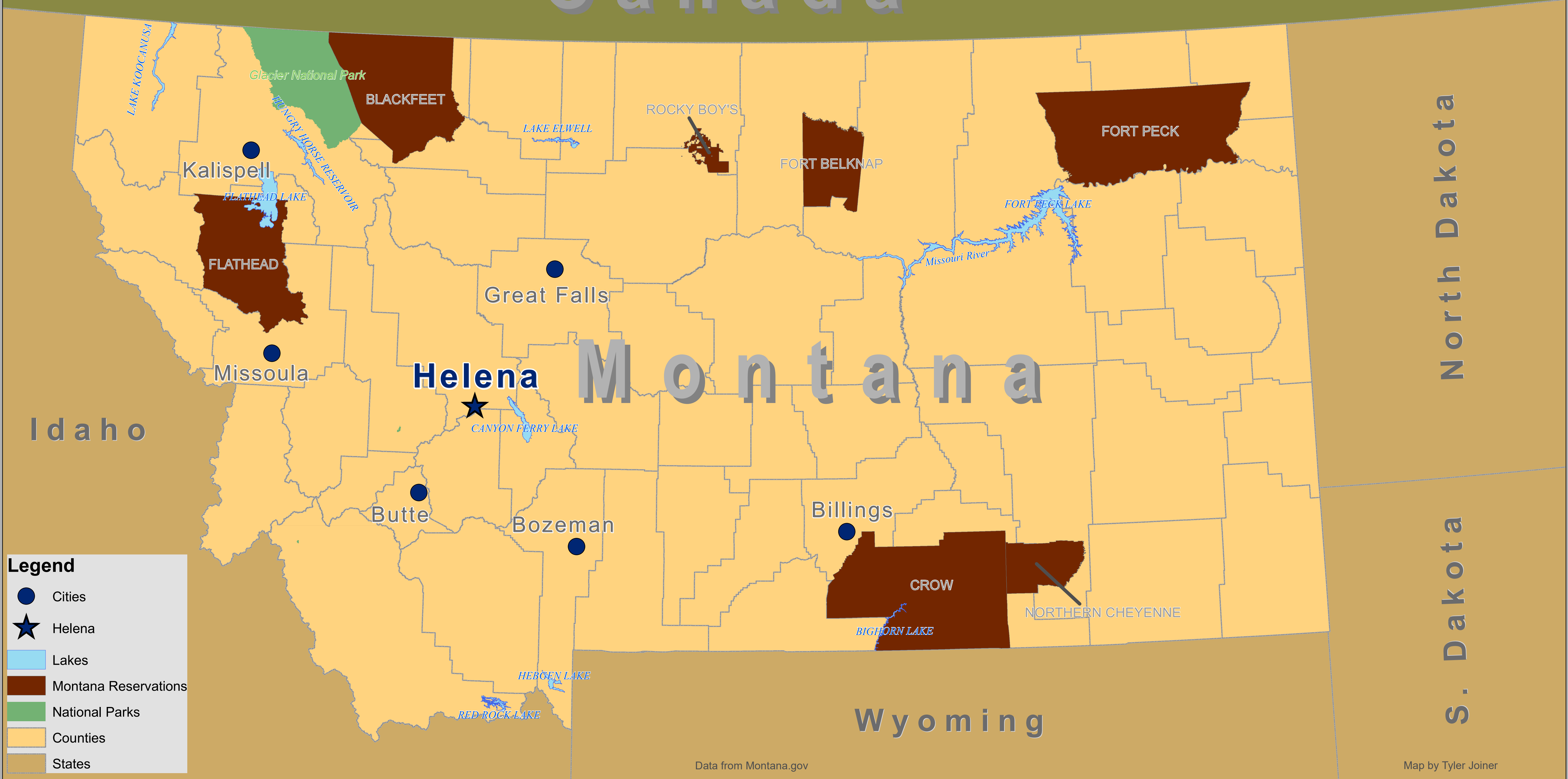
Whether you are looking to go for a scenic drive to a picturesque lake or trying to get out of town and fly somewhere exotic, Gwinnett County truly has it all. With many roads, numerous lakes and three airports, this county is very easy to enter and leave by boat, plane, or car.

Map by Kyle Norton
April 24 2017
Sources: Georgia GIS Clearing House
(<https://data.georgiaspatial.org/index.asp>)
US Census Bureau
(https://www.census.gov/geo/maps-data/data/cbf/cbf_state.html)
US Federal Highway Administration
(<https://www.fhwa.dot.gov/policyinformation/hpms/shapefiles.cfm>)

Montana and the Surrounding Region



Canada

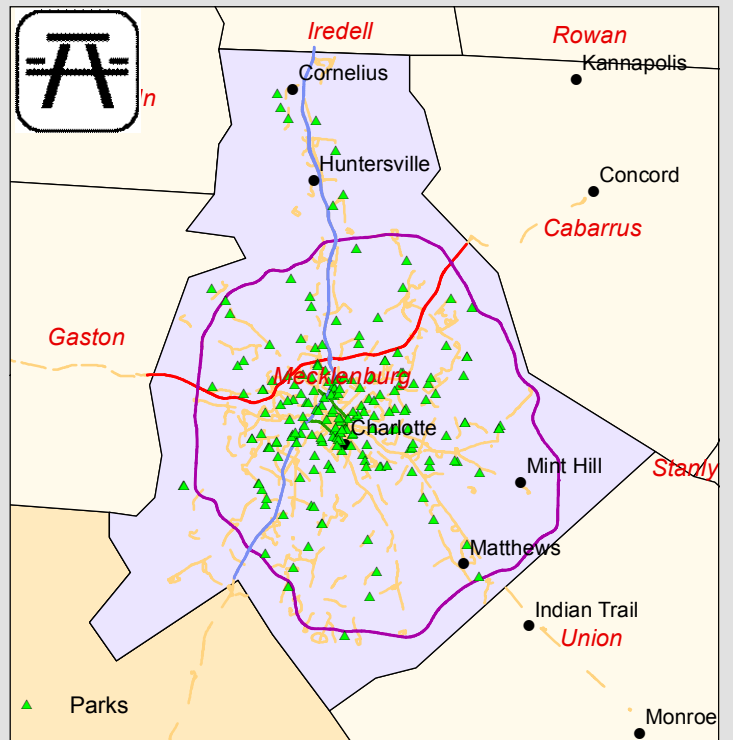
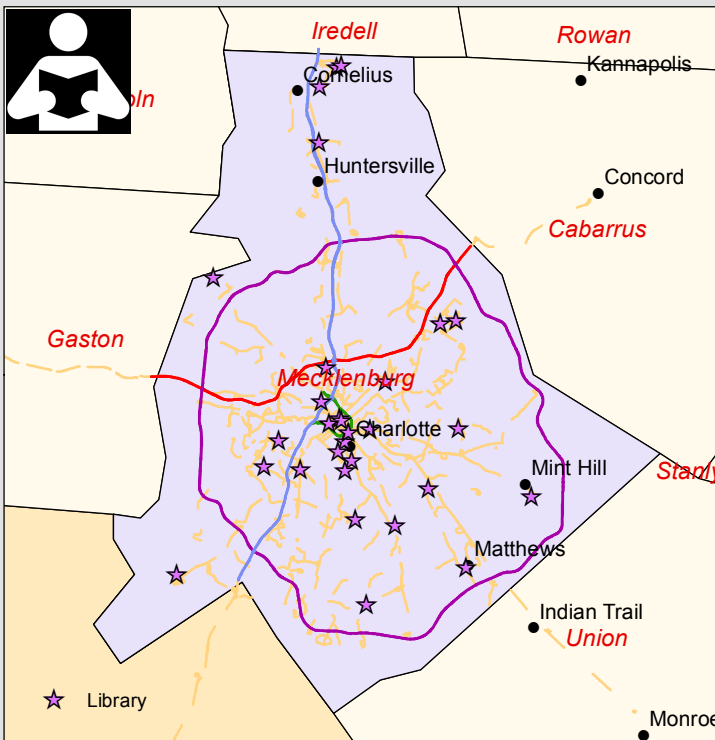
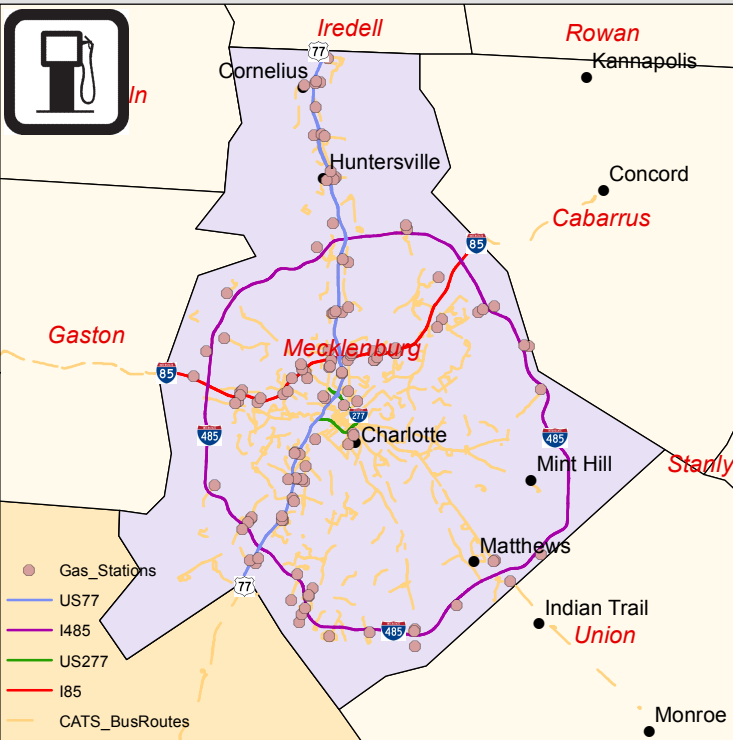
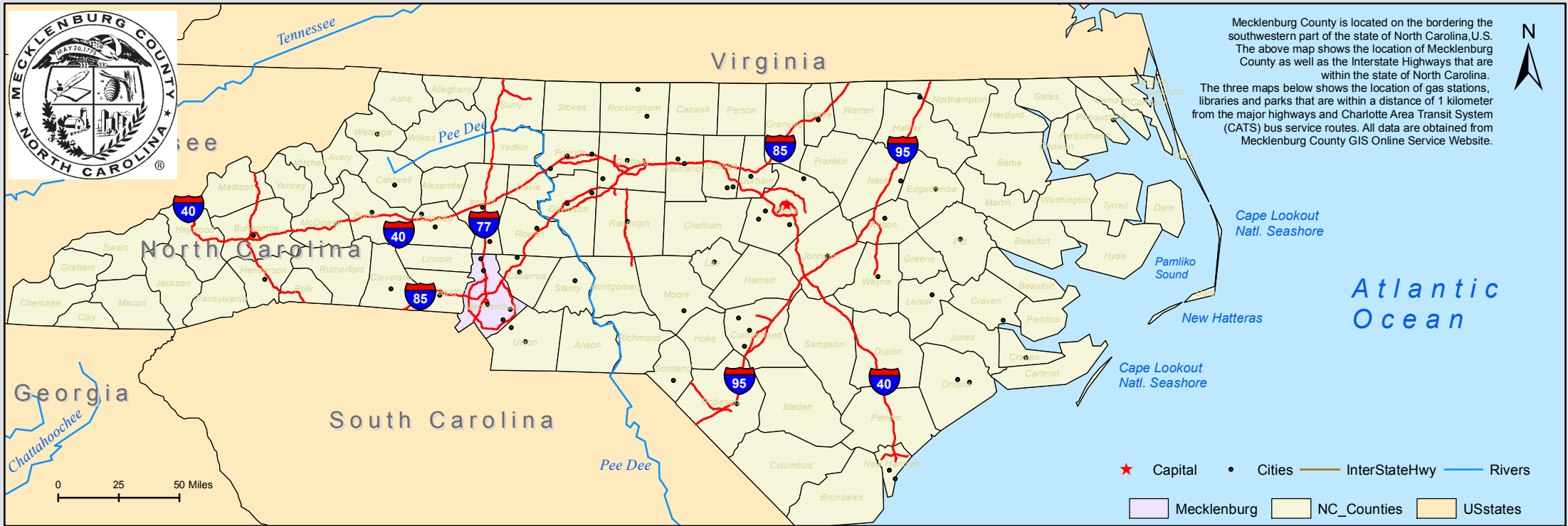


Data from Montana.gov

Map by Tyler Joiner

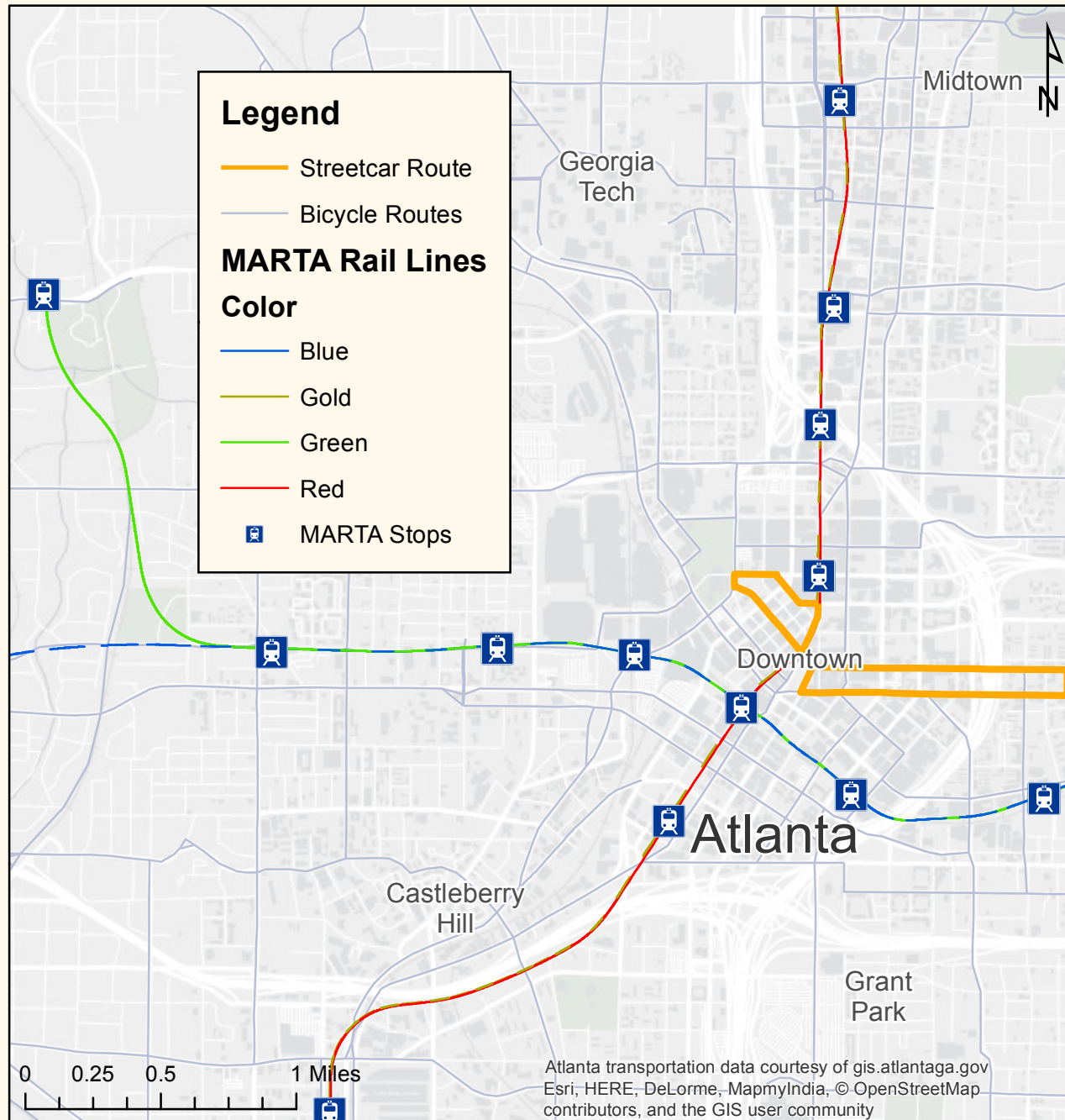
Mecklenburg County In North Carolina

Map by Yixian Chen - 04/23/2017

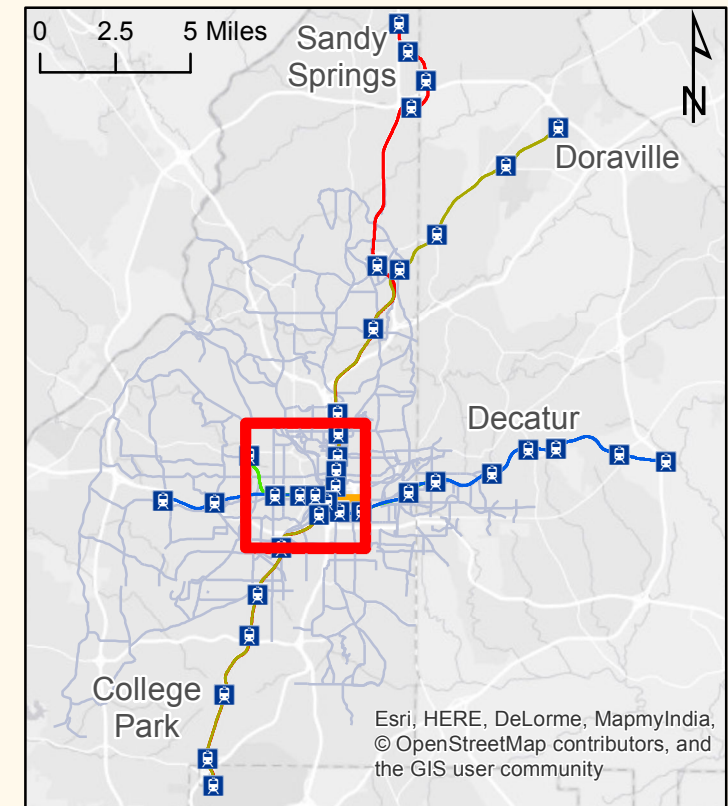


Alternate Transportation in Atlanta

Map by Mary McIntyre (4/24/17)

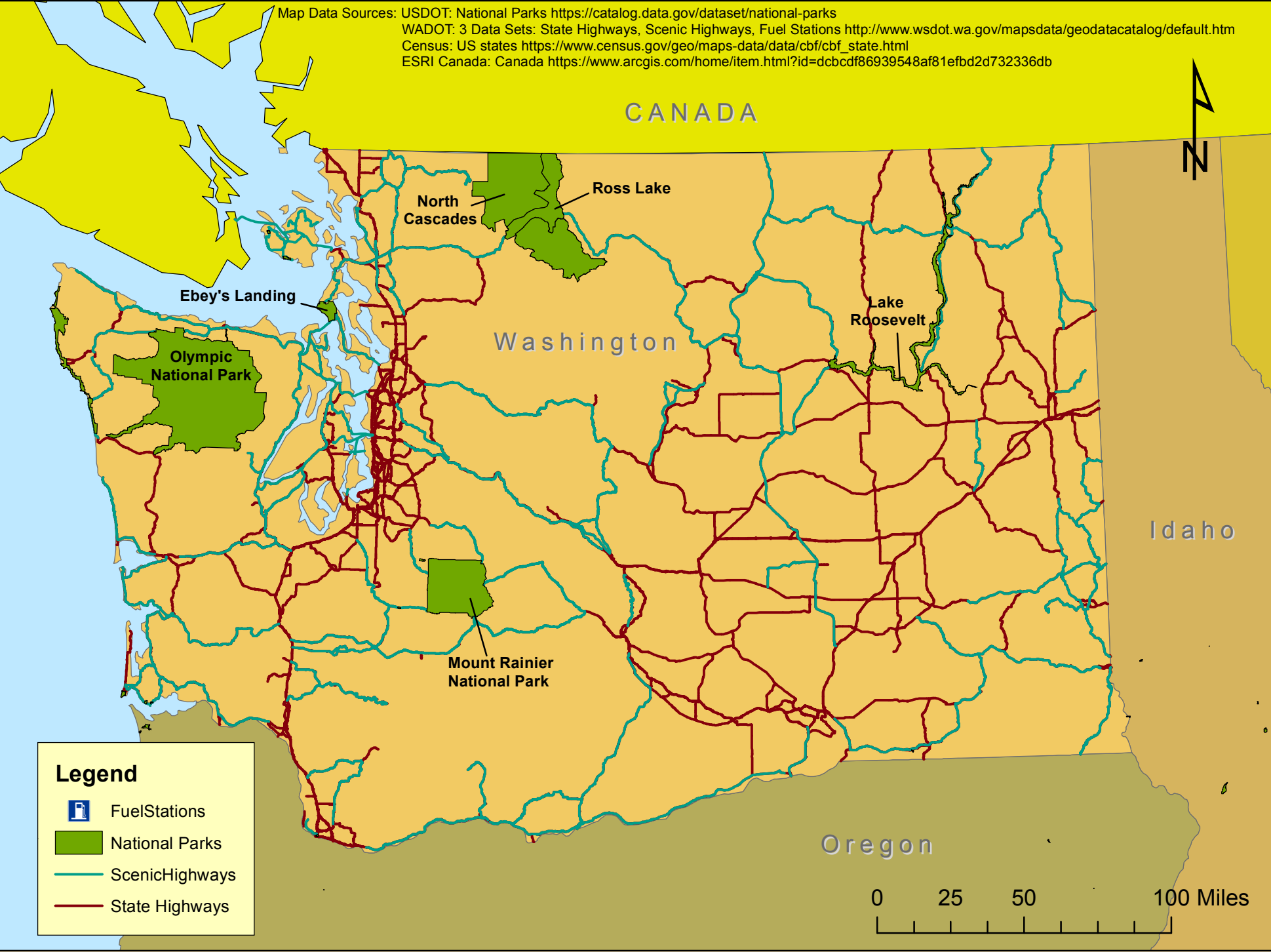


At the junction of major interstates I-75 and I-85, Atlanta is a popular city for commuters living in the suburbs outside the perimeter. Alternate transportation options are increasingly in demand for those who wish to avoid traffic, save money, or reduce their environmental footprint. MARTA is the primary mass transportation system in the Atlanta metropolitan area; this map depicts the heavy rail rapid transit system and its stops. In 2014, Atlanta public transit gained a streetcar system with service along the Downtown Loop. In addition to public transportation, bicycles are a common form of transportation, with numerous bicycle routes located throughout the city.



Washington State Road Trip Guide: Take the scenic routes, the extra time is worth it

Map Created by Zach Keen
April 23, 2017



Some say that the most beautiful area to drive in Washington is along the coast. With 157 miles of coastline, this is a great opportunity to take advantage of the scenic routes on the state roads that follow Olympic all the way down to Lewis and Clark National Park. Make sure you pay attention to the fuel stations though, they are few and far between. If you are not satisfied with the Washington coast, you can head down State Road 101 down the scenic route over the Columbia River into Oregon. If you do, you will get to pass over Astoria Bridge which is pictured below. The Pacific Northwest contains some of the prettiest drives in the United States, make sure you look out for the blue scenic routes!

This map will lead you off the beaten path into State Roads and Scenic Highways that keep you out of traffic and lead you straight into Washington's premier National Parks, like Olympic National Park, which is pictured on the three pictures to the right.



A Special Journey for a Parent and Her Daughter

The Story of How Lacrosse Leads to an Eating Adventure



Lacrosse is a sport that became a big part of what we did as a family--all year long. It began in Decatur, GA (Right Upper Map) when my daughter (Kate) was in 6th grade.

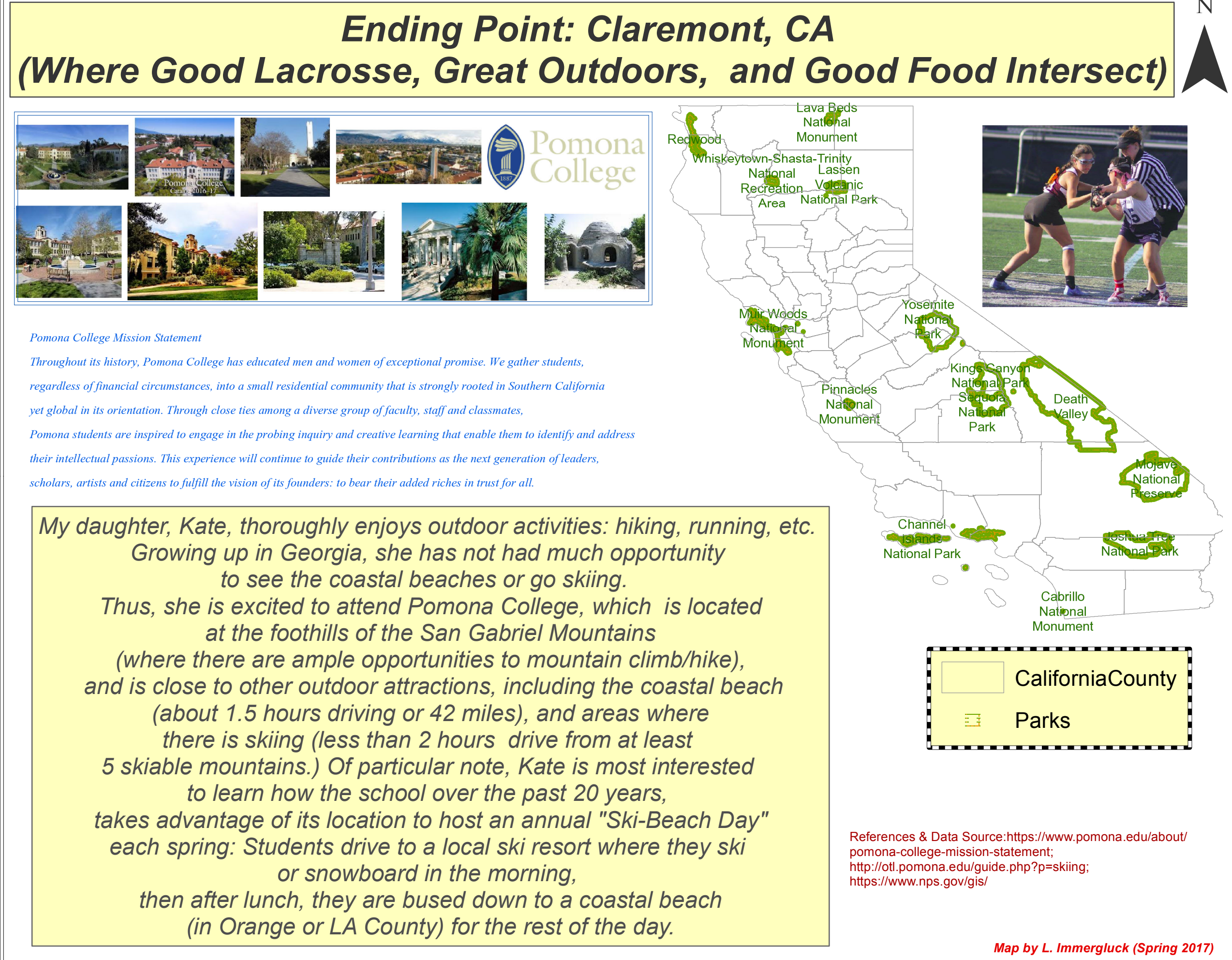
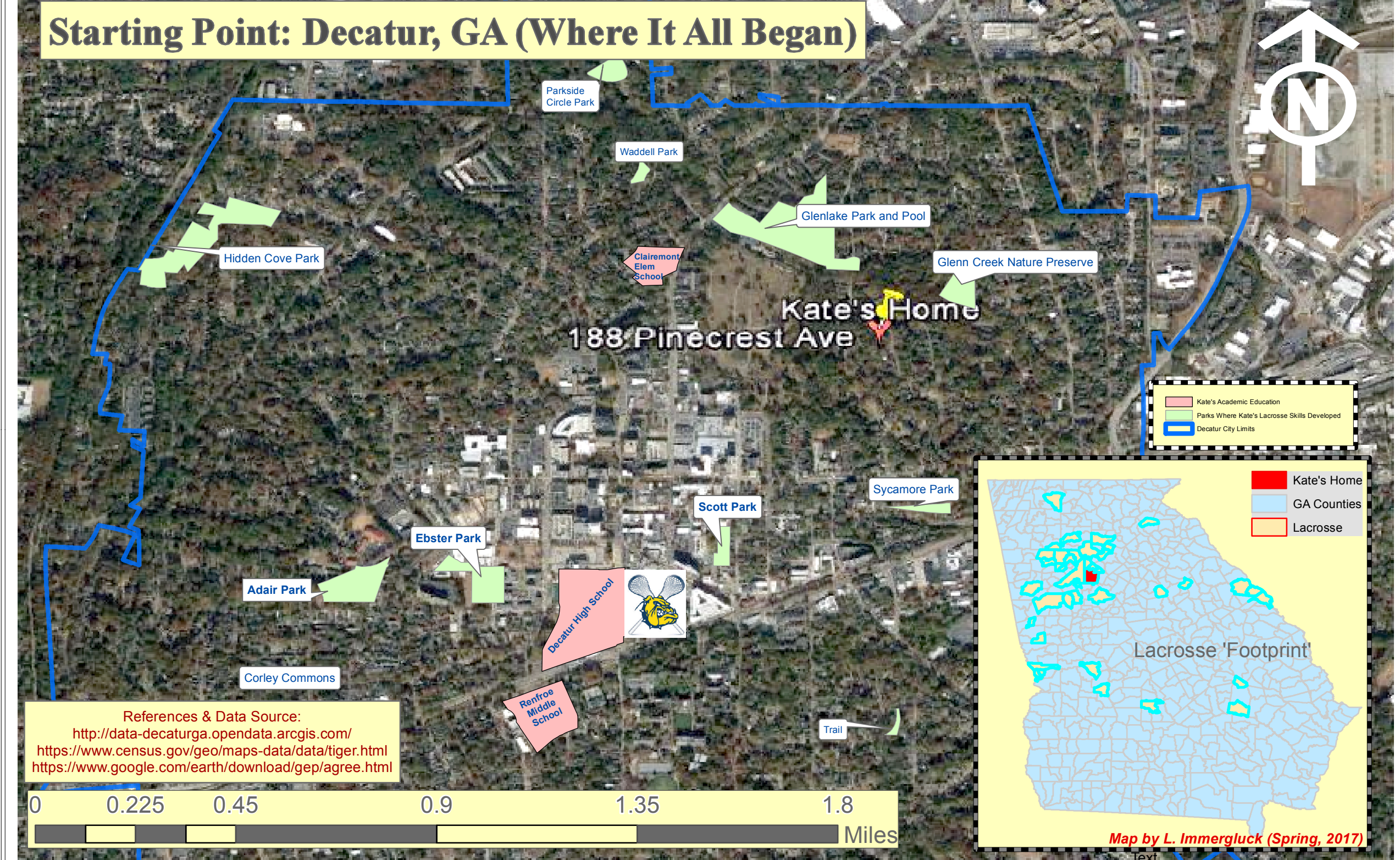
Her skills and passion developed in the parks highlighted in this map. (The inset map shows all of the Georgia counties we visited or she had lacrosse games over the course of the 6 years she played during both middle school and high school (yellow highlighted counties.))

My daughter's passion for lacrosse (midfielder position) grew with every game, every season, and tournament. These games eventually led her to the opportunity to play collegiate level lacrosse (Pomona College, in Claremont CA, Lower Right Map).

This liberal arts school is ideally suited for her because it will provide her a new place to explore and discover what she wants to pursue as an adult, and also, a place to raise her game in the sport of lacrosse. Kate was one of Pomona's top recruit for their Women's Lacrosse Team, entering class 2017.

Through lacrosse and her performing well academically throughout high school, Kate has created this opportunity for all of us to journey across 10 states, and try the top restaurants and interesting attractions which lie between Decatur, Georgia and Pomona College in Claremont, California.

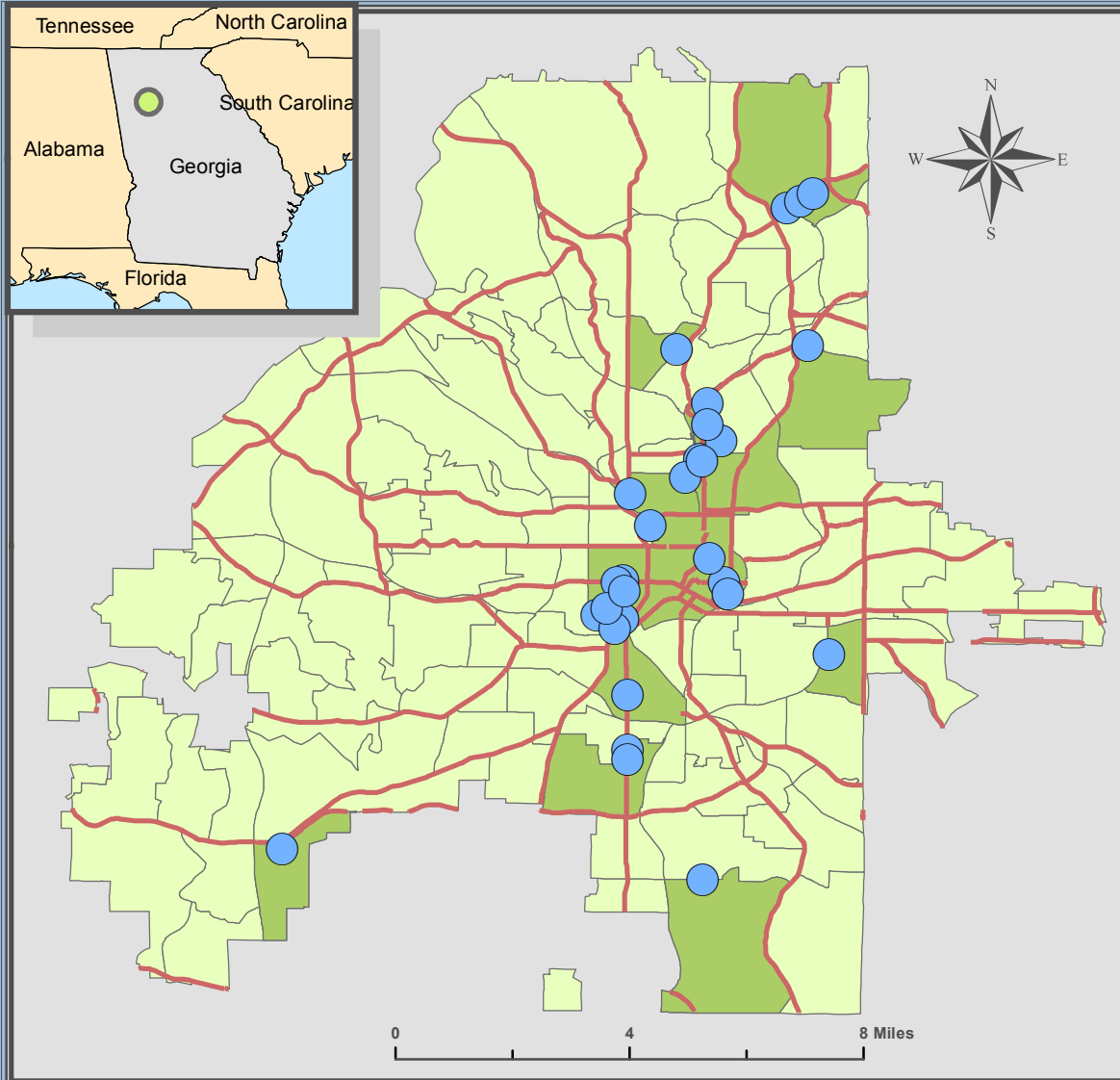
Details and interesting facts are shown in the outlined insets across the US map above. (As a family, we thoroughly enjoy trying new and interesting food and pride ourselves as 'closet foodies'. We are looking forward to this 'Food Adventure'!)



Higher Level Education Neighborhoods Near Major Roads in Atlanta

Map by: Madison Murvin

Spring 2017 CP4510



Higher Level Education, Neighborhoods and Major Roads

This map is the City of Atlanta. The City of Atlanta has been divided into its listed neighborhoods. The higher education institutes of Atlanta are present on this map. If a neighborhood contains a higher education institution, then it has been identified. 14 of 102 Atlanta neighborhoods contain higher level education. This map was made in order to show the ease of access to higher level education institutions in Atlanta through major road ways and by living in specific neighborhoods. Atlanta is a hub for innovative thinking and higher level education, and many students from surrounding suburbs utilize the Atlanta roadways in order to commute to classes every day. Many of the institutions on this map are part of the Atlanta Regional Council for Higher Education, which allows for cross sharing of information between many of these schools. This map uses data from the Research & Analytics Division of the Atlanta Regional Commission and is composed of any type of Post Secondary Education such as: colleges, universities, technical schools, trade schools, business schools, satellite campuses, etc. that grant First Professional, Associate, Bachelors, Masters, or Doctoral degrees. Road data was used from the Georgia Department of Transportation's (GDOT) DLGF street centerline database. Neighborhood data is from the Atlanta Regional Commission to represent the neighborhood statistical areas for the city of Atlanta as of 2010.

Map Legend

- Higher Education Institutions
- Major Roads
- Atlanta Neighborhoods With Higher Level Education
- Atlanta Neighborhoods

US Air Force ICBM Bases 1959-2017

Created by: Murry Smith

About ICBMs:

An intercontinental ballistic missile (ICBM) is a missile with a range in excess of 5500 Kilometers. In the United States ICBMs form one leg of the three legged nuclear triad (the other two legs being nuclear bomb dropping planes and submarine launched ballistic missiles. In the past 60 years the United States has spent enormous sums of money developing, fielding, and maintaining an arsenal of these missiles that at its peak numbered over 1000. Mainly deployed in Silos throughout the western United States this map shows the location of the Air Force bases at which these missiles have been deployed throughout history, the basic specifications of these missiles, as well as a brief timeline of their history.

ICBMs of the United States:

Atlas: 10500 km range, 1.44-4 megaton warhead.

Titan: 10100 - 14500 km range, 4-9 megaton warhead

Minuteman: 10100 - 14000 km range, 1-3, .3-1.3 megaton warheads

Peacekeeper: 14000 km range, 10-12 .3 megaton warheads



Atlas Missile



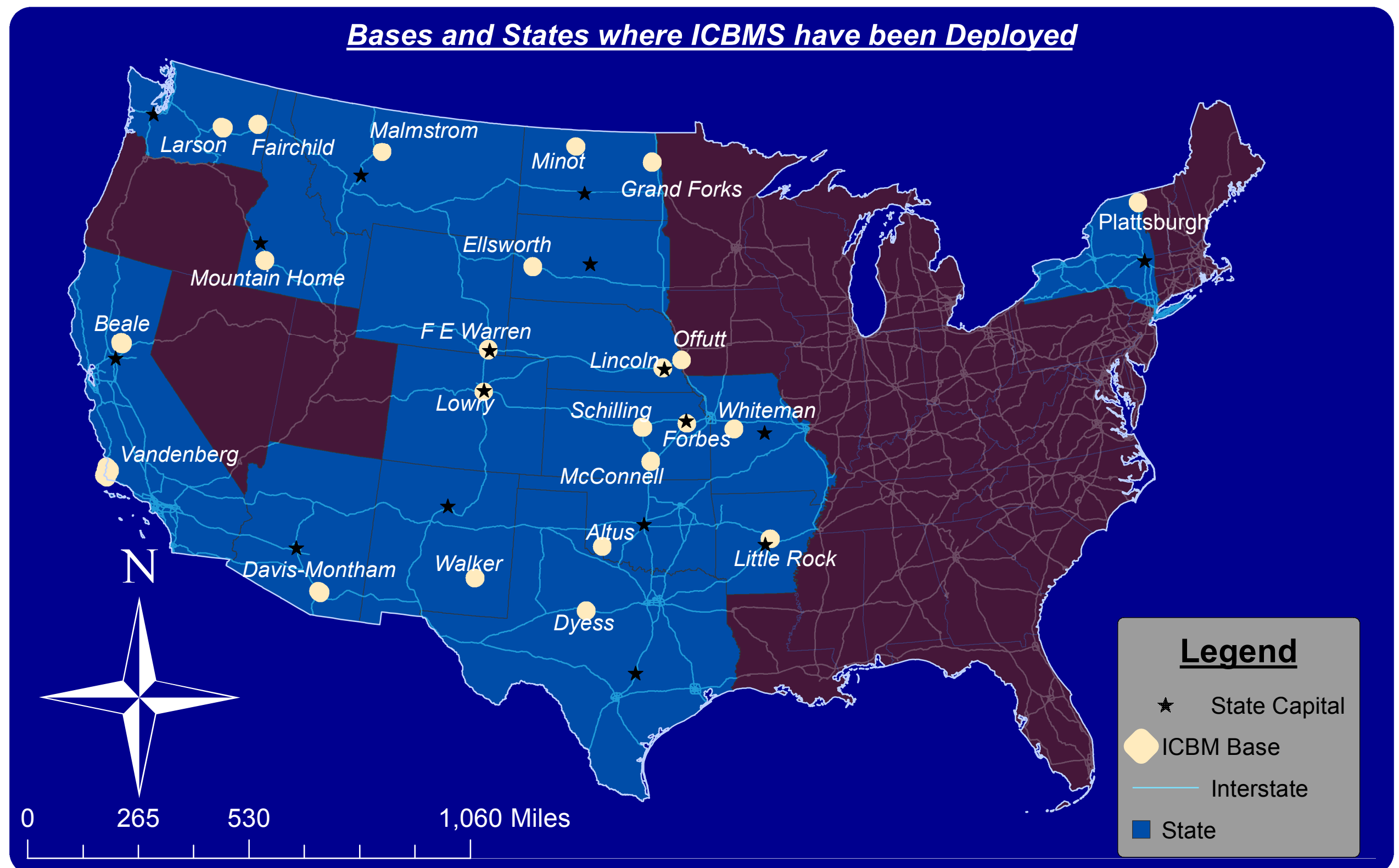
Titan Missile



Minuteman Missile



Peacekeeper Missile



1959: First Atlas missiles go on alert at Vandenberg AFB. These first missiles are deployed on basic vertical gantries that more often associated with civilian launches.

1962: The first of the Solid fueled ICBMs - the Minuteman I goes on alert during the height of the Cuban Missile Crisis. Because it is a solid fuel missile the Minuteman is cheaper to build, store, and maintain. They also do not have to be in close proximity to their controllers, therefore the Minuteman becomes the backbone of America's ground based deterrent. At their peak 1000 Minuteman missiles are deployed in Silos across the United States.

1970: The first Minuteman IIIs go on alert. Boasting an increased range but also three separate warheads (also known as MIRV(multiple independent re-entry vehicles)). These warheads are capable of striking three separate targets.

1991: Following the collapse of the Soviet Union President Bush orders all 450 Minuteman II missiles taken off alert. The Peacekeeper and Minuteman III become the United States sole land based ICBMs.

2017: 450 Minuteman III missiles are deployed at three Air Force bases in the Western United States(Malmstrom, F E Warren, and Minot). The continue to serve as America's deterrent, there are currently programs to maintain the missiles as well as look into modernizing them for the 21st century.

1959 ← 1970 ← 1980 ← 1990 ← 2000 ← 2017

1962 : The first Titan I and Atlas F missiles go on alert in more traditional Silos. However due to the costs and facilities required to maintain these liquid fuel missiles they are never deployed in large numbers.

1965/66: The last Titan I and Atlas Missiles are taken off alert as it becomes apparent that other missiles will be more effective and less venerable to attack.

1974: The last Minuteman Is are taken off alert and replaced with Minuteman II and IIIs.

1966: The first Minuteman II missiles, boasting an increased range and more powerful warhead go on alert and remain on alert for the next 25 years.

1986: Due to its advanced age and a number of accidents, the last of the Titan II missiles are taken off alert. Additionally the Peacekeeper missiles are deployed at FE Warren AFB. Only 50 are ever deployed but each missile had room for 12 warheads, each capable of striking separate targets.

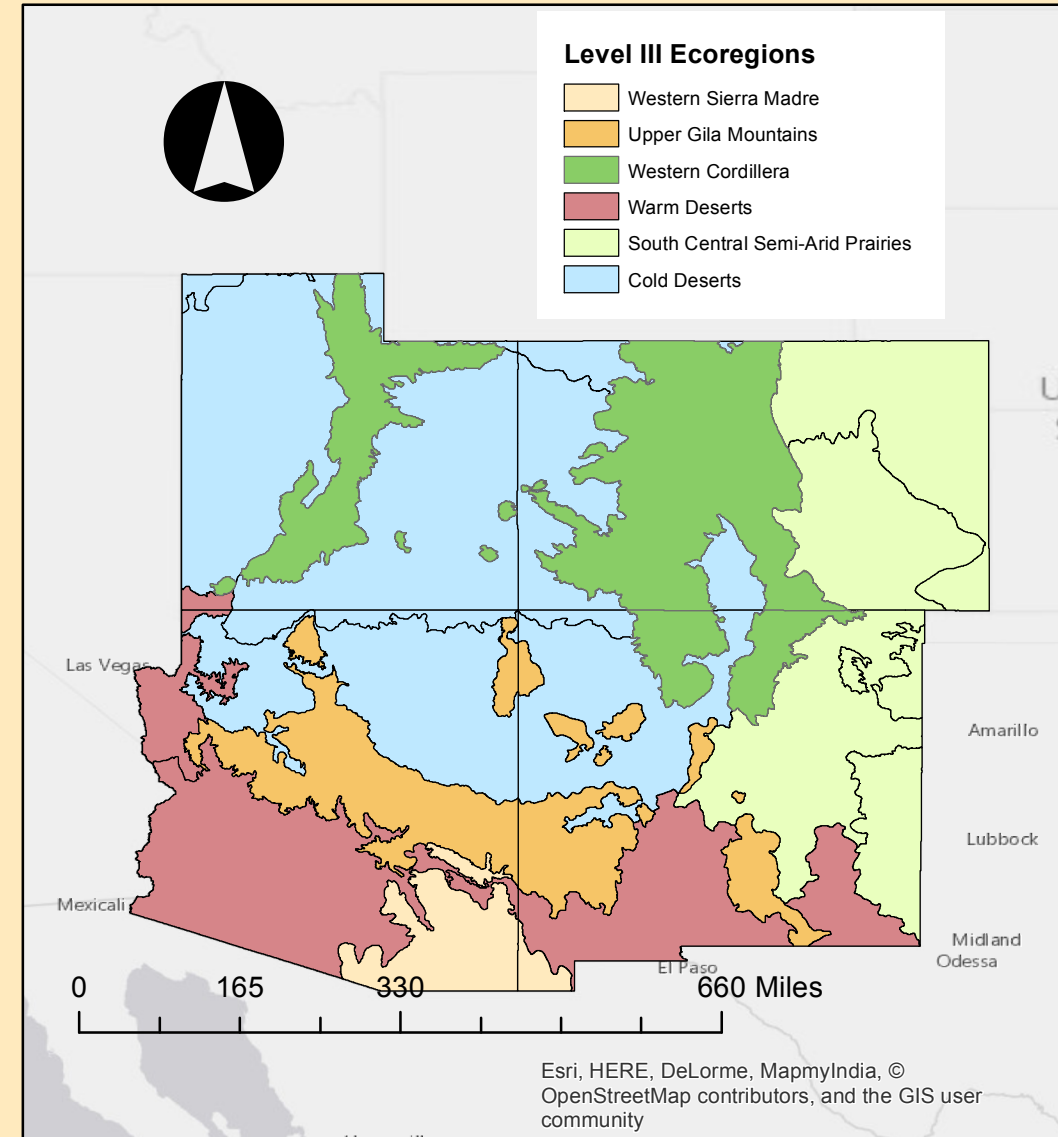
2005: The last Peacekeeper missiles are taken off alert for a variety of reasons. This makes the Minuteman III the only land based ICBM in the American arsenal.

History of US ICBMs

The Four Corners- An Area Well-Connected and Geographically Diverse



Together, the states of Arizona, New Mexico, Utah and Colorado are traditionally referred to as the Four Corners Region of the country, as the four states' borders meet at a quadripoint, and walking in any particular direction could have you enter the other state. A monument is at this quadripoint (pictured left) and the area surrounding the border is highly rural but also a vibrant center for the Navajo peoples. Their capital is located here. The four states are all geographically diverse and are all becoming more populous as people become interested in moving west to experience a new lifestyle in younger cities but closer to amenities and outdoor activities that many millenials seek out. It could be expected for this to stay a notable area of the country, if not just for the novelty, for as far as we can see into the future



Layers obtained from these sources:

- *US Interstates and Cities- University of Iowa GIS Library
- *Four Corner States- Census.gov
- *Global lakes- Geospatial at UCLA
- *Level III Ecoregions- EPA Information Accessed from Data.Gov
- *Image Obtained from the Vollmer Family's Blog, courtesy of Google.

Map Created by: Will Finkelstein, Georgia Tech Class of 2019

Florida Outdoor Attractions

