The 10/40 Window is a term coined by Christian missionary strategist Luis Bush in 1990 to refer to those regions of the Eastern hemisphere, plus the European and African part of the western hemisphere, located between 10 and 40 degrees north of the equator, a general area that in 1990 was purported to have the highest level of socioeconomic challenges and least access to the Christian message and Christian resources on the planet (Wikipedia).

The 10/40 Window is an important region for Christian Missionaries. Many Christian Missionaries believe that the emphasis of evangelism should be in this window and that more resources -- human & financial should be allotted in this region as well.

A few extremists also believe that once the Christian gospel is preached in the entirety of the 1040 area, that the promised message of Christ's second coming will be fulfilled.
In 2010, an 8.8 magnitude earthquake occurred just off the coast of Chile, leaving massive damage to the country and surrounding areas. This happened because the western coast of Chile is situated on the border of two colliding tectonic plates: the South American Plate and the Nazca Plate. The spatial location of Chile in relation to the plates can be seen in Map 1 in the bottom left-hand corner of the page. The 2010 earthquake severely affected many areas. The regions of most intense shaking are shown in Map 2, in the middle bottom of the page. The city closest to the epicenter of the quake was Concepcion, in the Bio-Bio Region of Chile. This region, as well as many areas of Chile, are home to small mountain villagers that man their homes high up in the Andes Mountain Range. Access to these villages is limited because of their location, and when earthquakes such as the one in 2010 strike, these people are even harder to reach for relief efforts. Map 3 on the right shows regions that are most at risk in these situations for not having access to clean drinking water. As is shown, Bio-Bio, Maule, and Los Lagos are the regions most at risk for this condition. These are the regions that many relief organizations such as Red Cross would reach out to first in disaster situations like this earthquake caused. There is no real way to avoid disasters like this, but there are ways to monitor tectonic movement and hopefully send out warnings and prepare relief teams before quakes strike in the future. The earthquake also caused a series of waves that hit the southern Chilean coastline as a tsunami, causing more damage far outside the initial shock range of the actual slip. Waves generated by the quake even reached the shores of San Diego, California, causing minor damage there as well.
The Appalachian Trail

Mount Katahdin
5,269 feet

Springer Mountain
3,780 feet

There are over 100 designated camping sites and 250 shelters along the Appalachian Trail. A typical shelter can be seen in the photo to the right. These sites are designated for backpackers, not car campers, and are therefore located at least a few miles from the nearest parking lot.
Florida Bicycle Fatalities Compared to Under 18 Population by County

Bicycle Fatalities
- 0
- 1-10
- More than 10

Population
Under Age 18
- 0 - 150,000
- 150,001 - 300,000
- 300,001 - 450,000
- 450,001 - 600,000

Map by Sarah Ecker
Florida Department of Highway Safety and Motor Vehicles
Hawaii's Best Vacation Spot

Map by: Katelyn Perry

Hawaii. Besides Disneyland, this is one of the most sought after vacationing spots in the U.S. Honeymoon central has a large variety of activities, cuisines, and more to discover on its six islands. Many question which island is best to visit during their stay. According to the Lonely Planet, the island of Maui has the most coral reef spots, whale sanctuaries, and outdoor activities of the six. The hotels within 1000 meters of bodysurf areas have been selected on the large map. The extension further specifies only hotels within 500 meters of coral reefs of the bodysurf hotels. Lastly, many tourists also like to access Hawaii's magnificent volcanos. Following the geohermal lines, the all around best location for all activity access has been circled in turquoise.
**DOWNTOWN AUSTIN**

Austin is the capital of the US state of Texas and the seat of Travis County. Located in Central Texas, Austin is the 11th-most populous city in the United States and the fourth-most populous city in Texas. It was the third-fastest-growing large city in the nation from 2000 to 2006. Austin is also the second largest state capital in the United States, after Phoenix, Arizona. Austin had a July 1, 2013 population of 885,400 (U.S. Census Bureau estimate). The city is the cultural and economic center of the Austin–Round Rock metropolitan area, which had an estimated population of 1,883,051 as of July 1, 2013. (From Wikipedia)

Sources: CAPCOG.org, TIGER/LINE Shapefiles at the US Census Bureau 2010, CapMetro.com, City of Austin GIS

Map by Kaleigh Sawyer

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**Legend**

- CMTA Metrorail
- Lakes and Rivers
- University of Texas Campus
- Congress Avenue
- Downtown Area
- Transit Oriented Development
- City Limits
- County Census Tracts
Downtown Austin

Austin is the capital of the US state of Texas and the seat of Travis County. Located in Central Texas, Austin is the 11th-most populous city in the United States and the fourth-most populous city in Texas. It was the third-fastest-growing large city in the nation from 2000 to 2006. Austin is also the second largest state capital in the United States, after Phoenix, Arizona. Austin had a July 1, 2013 population of 885,400 (U.S. Census Bureau estimate). The city is the cultural and economic center of the Austin–Round Rock metropolitan area, which had an estimated population of 1,883,051 as of July 1, 2013. (From Wikipedia)

Sources: CAPCOG.org, TIGER/Line Shapefiles at the US Census Bureau 2010, CapMetro.com, City of Austin GIS

Map by Kaleigh Sawyer
Murder Rates per 100,000 people in 2013 by State

Map created by Shu Doi
Data Source: http://www.deathpenaltyinfo.org
North Dakota has an extensive transportation system primarily due to the state's oil economy. North Dakota's railways and highways are used to transport oil throughout the state, to Canada, and to neighboring states.
NFL Stadiums are located across the United States. The map divides specific team fans by the states located nearest to the stadium. The given states' population and number of Division 1 Schools within them, were then used to compare each stadium. If one state had multiple teams within them, the states' property would be divided equally per team.

**Legend**

- **Division 1 Schools**
  - 0 Schools
  - 1 or 2 Schools
  - 3 or 4 Schools
  - 5 or 6 Schools
  - Greater Than 6 Schools

- **Population**
  - Less Than 7 Million
  - 7 - 10 Million
  - 10 - 13 Million
  - Greater Than 13 Million

- NFL Stadiums

Map Created By: James Nguyen
The Pacific Crest National Scenic Trail spans 2,663 miles, crossing 25 national forests and 7 national parks. The southern portion of the trail begins on the U.S.-Mexico border in Campo, CA and the northern portion ends on the U.S.-Canada border at the 78th Boundary Monument. The purple, blue, and green dots to your left display resupply stations for hikers to replenish their stores of food and equipment in order to continue their treks. Packages can be shipped to these locations and picked up once the hiker has reached these spots. Be sure to call ahead to make sure these locations know to hold your parcels. We also recommend that you include your estimated date of arrival, so that they know when to expect you.

More information on these locations and their addresses can be found at http://planyourhike.com/planning/resup/callahans.php. We hope you enjoy the adventure of a lifetime!

Map by: Savannah Brooks
April 13, 2015

Oil & Gas Reserves are unevenly distributed. While the Middle East only represents a small surface area, it holds 47.9% of world’s oil reserves and 43.2% of natural gas reserves. In this case, the eight countries that represent the Middle East possess in total 1471.2 thousand million barrels of Oil and Gas.

While Saudi Arabia is the leader of Oil Reserves, owning 15.8% of them, Iran is the leader of Natural Gas Resources, owning 18.20% of them.
Florida locates in the southeastern region of the United States. Florida is the 3rd most populous and the 8th most densely populated of the 50 United States. Jacksonville is the most populous city in Florida, and the largest city by area. Florida has a total population of 19,893,297.

The map on the left shows the top 30 cities by population. The one on the right shows the population density by counties.

(Map Created by Zunhao Tang on 4/12/2015
Data source used in this map includes US census and Florida Geographic Data Library.)
The county boundaries layer was taken from gis.alabama.gov. The water, railroad, road, and individual county boundaries were downloaded from alabamaview.org.

Map by Gabriel Hoffman
Hurricane Ike was a Category 2 hurricane that made landfall around 2am on September 13, 2008 and caused extensive damage with its 110mph winds and its 22-foot storm surge (pictured here). Several pipelines that move natural gas from offshore production platforms to onshore processing plants declared force majeure, and many of them were effectively shutdown. Onshore interstate pipelines were also affected, experiencing lower-than-normal flows in the aftermath of the hurricane, leaving 3.7 million customers without electricity. The hurricane severely damaged the offshore pipelines, with repairs lasting into mid-2009. Total damage to the pipelines caused by Hurricane Ike was estimated between $80 million and $120 million.

Full Reports Here:

Source:
Houston-Galveston Area Council
Map by James Kepner 04.13.2015
Quest for a More Walkable Atlanta: Diversification of Atlanta's Transportation Infrastructure

Private Vehicles are the main form of transportation within the City of Atlanta and in surrounding areas. There are three major interstate highways (denoted in red): I-20 runs east to west, I-75 runs northwest to southeast, and I-85 runs from northeast to southwest. Both I-75 and I-85 merge once inside the city limits to form the downtown connector. This connector carries over 340,000 vehicles per day. The connector is the location of much of Atlanta congestion commuters experience during rush hour times.

Public Transit

The Metropolitan Atlanta Rapid Transit Authority or MARTA system was proposed by the Georgia General Assembly in 1965, however due to funding issues construction did not begin until 10 years later in 1975. On June 30th 1979 MARTA opened for service. MARTA includes both heavy rail rapid transit and a bus transit. There are four lines that compose the rail system: Red runs north to south from the airport to North Springs, Gold runs north to south from the airport to the downtown connector, Green runs east to west from Bankhead to Edgewood Neighborhoods, and Blue runs along 1-20 to the edge of Decatur. The bus system covers a wider area, extending to surrounding cities such as Roswell and Alpharetta in North Fulton, along with South DeKalb. There are 92 different routes in total.

Pedestrian and Bike

The Atlanta Beltline is a comprehensive transportation and economic development effort within the City of Atlanta. Once complete it will include the following elements: 22 miles of pedestrian friendly rail transit, 33 miles of multi-use trails, 1,300 acres of parks, 5,600 units of affordable housing, and 1,100 acres of remediated brownfields. The goal of the Beltline is to ultimately connect 45 in town neighborhoods, provide first and last mile connectivity for regional transportation initiatives, and put Atlanta on a path to 21st century economic growth and sustainability.

The predecessors to the Atlanta Beltline are the PATH Foundation Trails. PATH has developed over 180 miles of trail throughout Georgia. In Atlanta the trails help connect parks and neighborhoods, providing wide trails for pedestrians and cyclists.
Hartford is a small city located in New England and the capital of Connecticut. Hartford is known for being the Insurance Capital of the World due to the large number of insurance companies headquartered in the city.
Glacier National Park is a national park located in the U.S. state of Montana, on the Canada–United States border with the Canadian provinces of Alberta and British Columbia. The park encompasses over 1 million acres and includes parts of two mountain ranges (sub-ranges of the Rocky Mountains), over 130 named lakes, more than 1,000 different species of plants, and hundreds of species of animals. This vast pristine ecosystem is the centerpiece of what has been referred to as the "Crown of the Continent Ecosystem", a region of protected land encompassing 16,000 square miles. It is dominated by mountains which were carved into their present shapes by the huge glaciers of the last ice age.

Managed by the National Park Service, visitation averages slightly less than 2 million visitors annually. - wikipedia.org
This map shows the locations of dams in Georgia and their relation to the locations of port locks. There is a large number of airports located around Atlanta.

Map Produced By: Vu Nguyen
Data: TIGERFiles, rita.gov
4/13/15
Road Trip to Key West

Legend
- Drive Route
- State Park Land

http://datagateway.nrcs.usda.gov/
Google Earth Pro
ocean.floridamarine.org/TRGIS/Description_Layers_Terrestrial.html

Map By: Oliver Blackburn 4/9/15
Road trip map from Atlanta Georgia to Key West Florida. The thumbnail map shows a detailed street map of Key West along with the state managed park land.
Charlotte, North Carolina, is a growing city with 2.6% job growth ranked at #12 in Forbes Best Places for Business and Careers, and the city is ranked as #4 of the Happiest Cities for Young Professionals.

Legend
- Highways
- Major Streets
- City Streets
- BikeLanes
- Lakes and Ponds
- Creeks and Streams
- Parks
- Major Buildings
- County Boundary

The datasets used in this map were found at the Mecklenburg County GIS website. http://maps.co.mecklenburg.nc.us/openmapping/data.html

Map created by Bryson Sheetz. April 9, 2015
The history of the Massachusetts Bay Transportation Authority spans two centuries, starting with one of the oldest railroads in the US. Development of mass transportation both followed existing economic and population patterns, and helped shape those patterns. Mass transit in Boston, Massachusetts was provided by private companies, often granted charters by the state legislature to create limited monopolies and granted effective powers of eminent domain to establish a right-of-way. With the creation of the MTA in 1947, government agencies started to take on transit services, consolidating many separate routes into a more-unified system.
Charlotte is the largest city in North Carolina, and one of the fastest growing major cities in the United States, with a population of 792,862 in 2013 according to the U.S. Census Bureau. Charlotte is the second largest banking center in the United States after New York. It is also home to a variety of Fortune 500 companies, including Bank of America, Lowe's, Nucor, Duke Energy, Sonic Automotive, Family Dollar, and many more.

I chose to make a map of Charlotte, because my sister lives and works in the metro-Charlotte region.

This map depicts Charlotte sites of interest, including police offices, public art locations, roads, and historic districts. All data was found on the Open Charlotte web portal. I also used the grey ESRI basemap.

The link to find each source is: http://clt.charlotte.opendata.arcgis.com/
As of the start of the 2015 Major League Baseball season, about 16,000 major leaguers have come from the United States. This map shows which states have produced the most major league baseball players over the years. According to data found on the Baseball Almanac, the state that has produced the most players is by far California. The top ten player-producing states are labeled, along with the number of Major League Baseball players that come from that state. The cities that have a Major League Team are labeled with a star on the map.

Legend

Number of Players From Each State

- 0 - 100
- 101 - 300
- 301 - 1000
- >1000

MLB Teams

Map by Jonathan King
Data sources: AZGEO Clearinghouse, US Census Bureau, USDA Forest Service, University of Arizona, National Park Service.
Australia Population Growth 2005 - 2010

By: Ryan Youngblood

Legend
- National Capital
- State Capitals
- States and Territories
- Percent Population Growth
  - 0 - 4
  - 4 - 7
  - 7 - 9
  - 9 - 14
  - 14 - 15

Sources:
- Australian Flag: www.itsanhonour.gov.au

April 12th 2015

Sources:
- Australian Flag: www.itsanhonour.gov.au
Arizona is the 8th most populous state for Native American Reservations. The state is home to 25 individual reservations for 21 different tribes. The Navajo Nation, the largest tribe in Arizona, extends into New Mexico and Utah, covering over 27,000 square miles. The Navajo Nation is also the only area of Arizona to recognize Daylight Savings Time. Both the Navajo and the Hopi live on the same mineral rich land, which has led to land disputes over time.

Wild horses and burros have historically been integral in the lives of Native Americans. The US Bureau of Land Management protects some designated grazing land for these creatures. These areas also intersect with the Colorado River and Fort Mojave Tribes.

Sources: Census Bureau, University of Arizona, NOAA
Map by Helen Cheney Cohen