



**Proposed School Locations
for the state of South Carolina
United States of America**

August 2018

for Silver Wolf Wushu

using SAITO software version 2.2.7.0 08/17/2018

title page image: the state duck of South Carolina is the Carolina duck also known as the wood duck (*Aix sponsa*). It ranges along the US Western coast with resident populations from San Diego to Seattle. There are migratory populations that summer in southern British Columbia. Some Pacific migrants winter along the coasts of Sonora and northern Sinaloa in northwestern Mexico. There are some small populations in Colorado and New Mexico. In the eastern United States the summer breeding range extends as far northern from Minnesota to Michigan to Maine and the Canadian Maritime Provinces. Some overwintering of migrants occurs in southern Texas and northern Tamaulipas. There are resident populations from southern New York to Florida and as far west as Missouri and Louisiana. There are small scattered populations in the United Kingdom and Ireland. As can be seen, Carolina ducks are quite dimorphic. They are slightly smaller than the average mallard and closely related to the Mandarin Duck of Asia (*Aix galericulata*). They prefer to breed near water and favor cavities in trees although they will use nest boxes. There are many unique features about Carolina ducks – they have claws and can perch; in favorable climates with plentiful food they can produce two broods per year; and most ducklings survive a jump from the nest to the ground their first day.

Carolina ducks nearly became extinct in the 19th century – they were over-hunted in order to supply ladies' hats and there were substantial habitat encroachments. Generally, if beavers prosper in an area, so will Carolina ducks.

Geography

Our SAITO software views South Carolina state as a square 180 miles on a side (average). We were not satisfied with the attempts to map the state as an equilateral triangle. Inside SAITO we have embodied a dislike for obliging people, with or without disabilities, to travel long distances, so the size of South Carolina and the seasonal severity of the weather (hurricanes) imposes some constraints on the solution.



Although there are school districts in the United States that allow students to be transported across county and even state boundaries SAITO treats states and provinces in isolation. This also means any possible schools in, for example, Charlotte in North Carolina, Savannah in Georgia and so on would be ignored.

South Carolina State is home to one First Peoples administrative areas For that population we are not knowledgeable about the frequencies of the 1400 genes we currently find of interest. Nor do we have any knowledge about education code specifically or special needs generally for that population.

Demographics

We believe the state population is about 5,025,000 and that it has been growing at about 1% per year. The larger cities, towns and census-defined places are

Charleston	134,385
Columbia	134,309
North Charleston	108,304
Mount Pleasant	81,317
Rock Hill	72,397
Greenville	67,453
Summerville	48,848
Sumter	40,816
Goose Creek	40,633
Hilton Head Island	40,512

It has NOT been established that the medical conditions we find of interest are uniformly distributed, so South Carolina could have anywhere between zero and 300,000 people with the disabilities we find of interest. We used 200,000 as a state-wide estimate. The SAITO software reduces that prevalence to compensate for people who are too remote, cannot walk, are not interested, prefer to take vitamin B-13 and so on.

For school locations the SAITO calculated recommendations are

1. Charleston – 3 schools – includes Mount Pleasant and North Charleston
2. Columbia – 1 school
3. Rock Hill – 1 school
4. Greenville – 1 school
5. Summerville – 1 school
6. Sumter – 1 school
7. Goose Creek – 1 school
8. Hilton Head Island – 1 school

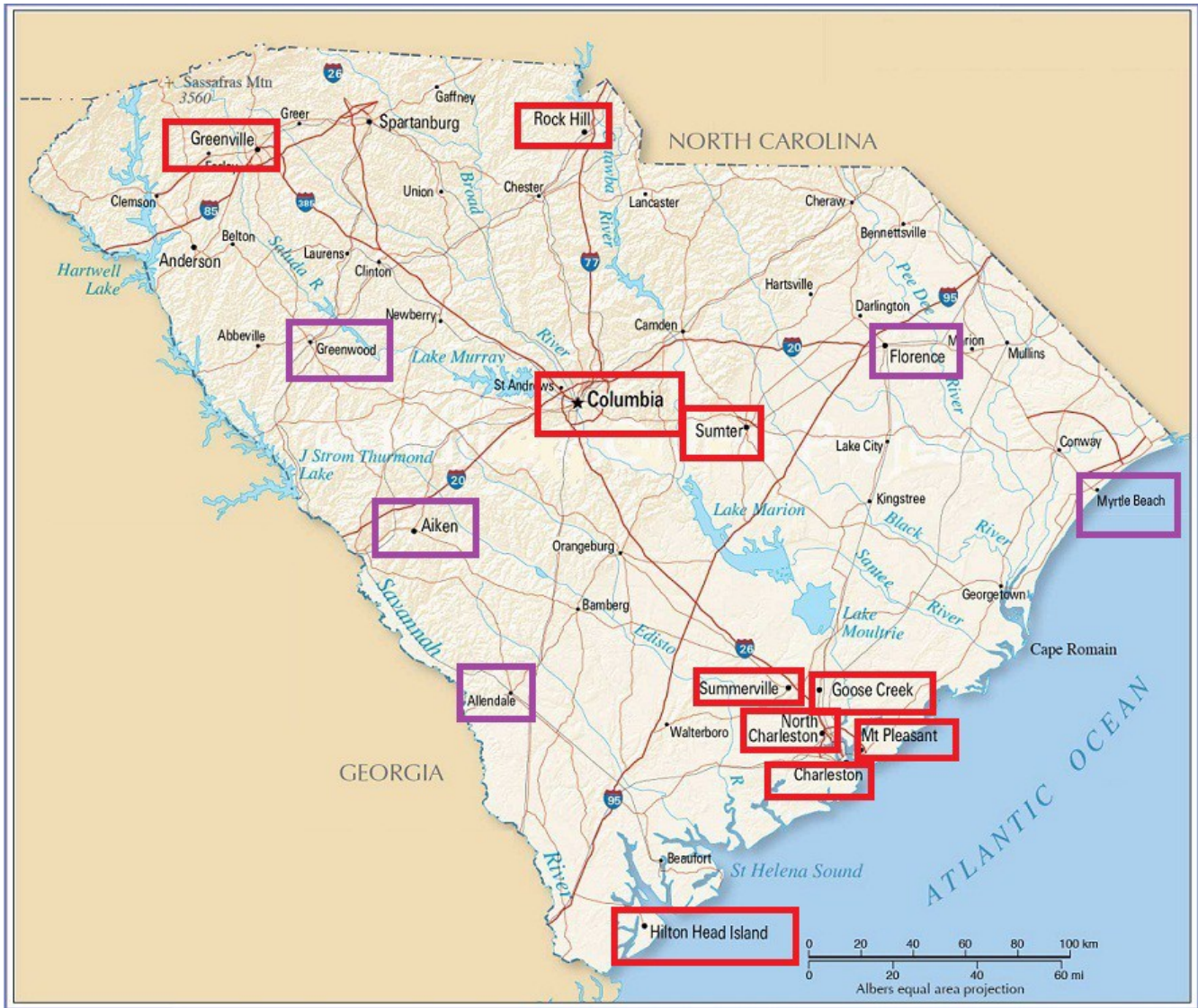
Probably dependent on subscriptions

9. Myrtle Beach
10. Allendale
11. Aiken
12. Florence
13. Greenwood

We used the US Census (2010) data to estimate tribe populations

Catawba Indian Nation	3,000
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The State of South Carolina recognizes eight tribes and three groups for a total of about 13,000 other people. We have no appreciation of what interest there might be in our curriculum, and we have no information about population densities on tribal lands and reservations. The SAITO results are



The major determinant for whether a school could or should be built at a smaller town like Aiken or Allendale is whether the tuition can cover rent, utilities and a teacher's salary. If not, it is possible for students to follow an internet broadcast from home, school or day care and send video recordings in to be graded. We would recommend daily filming and grading. Note that if the internet connection for the broadcast is interrupted the student can obtain the class video from the archives. Likewise, winter weather might delay the uploading of daily student videos so some tolerance and patience may be needed.