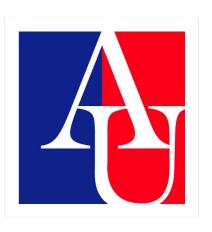




Wayne Williams

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Law Enforcement
Use Only



JLC 445/696: D'Anna

Executive Summary

Series Data for Reference

Wayne Williams, a black male, has committed 30 murders of children and teenagers, with 28 of them being male. The murder weapon varies, with the most frequent being his hands.

The murders occur in the Atlanta region in locations that are often unoccupied with limited people, such as bridges and wooded areas. These locations are quite centralized and within close proximity to each other.

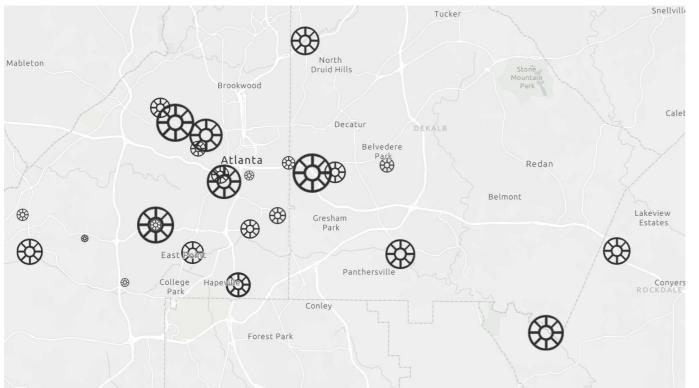
The murders have occurred over the past 23 months, with events becoming more frequent in the past three months, totalling 10 murders, and a majority of the recent murders have occurred on weekdays.

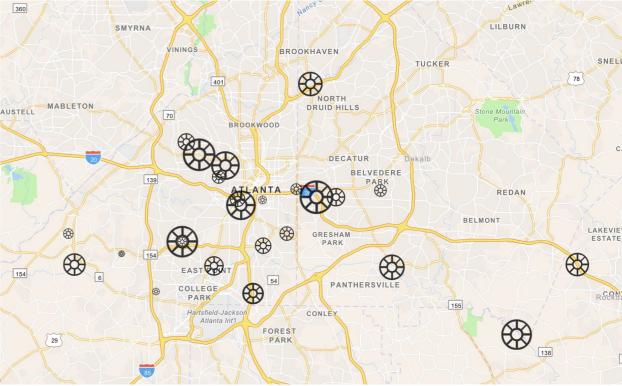
Intervention Strategy: Send out emails and hold community meetings at local schools in the Atlanta region, informing students and parents about the murders and encouraging them to not leave kids unattended and alone.



Area Orientation







Behavioral Analysis

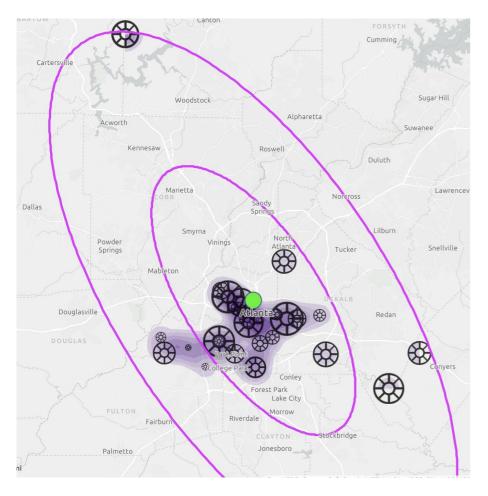
- Description: black male
- 30 murders: 28 male victims and 2 female victims
- Average age of the victim is 14 years old, with a minimum age of 7 and a maximum age of 28
- Weapons: firearm (3), hands (16), blunt force (2), knife (2)
 - 11 of the 13 most recent murders he used his hands
- Occurring in or near Atlanta, Georgia at a variety of mainly public locations, including wooded areas and bridges
- Occurring for 23 months: July 1979 May 1981



Archetype Behavior and Prediction:

A black male murdering a young male with his hands in Atlanta, Georgia

Spatial Analysis



- The series has contracted over time, with newer events closer to the centroid. Four of the earlier events can be seen within the ellipse with 2 standard deviations, whereas newer events are within the ellipse with 1 standard deviation.
- There is one large hunting ground that contains 25 of the 30 murders. Other than two locations, he has not gone to the same place twice, demonstrating that he does not travel far between murder locations and stays in a relatively centralized area.
- There are 7 murders that occur at bridges on highways and roads. Additionally, there are 9 murders that occur in open areas like the woods and parks.

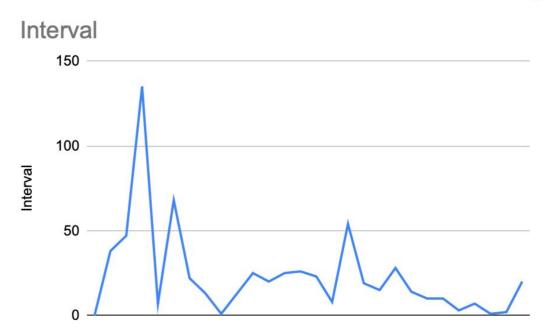
Next Event Prediction:

near the Georgia Institute of Technology, which is in close proximity to the previous murders and has a large amount of young people that fit the profile, in either a park, wooded area, or bridge on a highway or road

Temporal Analysis

18 murders occurred on weekdays and 11 murders occurred on weekends. The most frequent days were Sundays (8 murders) and Mondays (5 murders). 11 of the 13 most recent crimes occurred on weekdays.

The series tempo is accelerating. While 30 murders occurred over a span of 23 months, the past 10 murders have occurred within 3 months from March 1981 to May 1981.

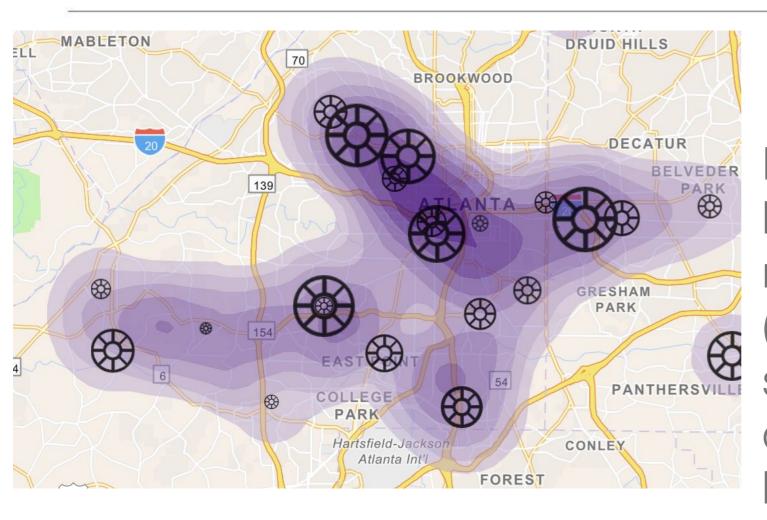


Interval displays a pattern where it peaks and then decreases for two to five murders. The peak values have decreased over time. The average interval is 15 days, although the average interval for the past 10 murders is 11 days.

Next Event Prediction: Monday, May 18, 1981

Mondays are the most frequently occurring weekday; the interval is 6 days which is between the mean and one standard deviation below the mean of previous intervals; it fits the pattern of a decrease in interval following a peak; interval percent change is -70% which is in the middle of the minimum and maximum percent changes following a peak (-50% and -92%)

Intervention Strategy



Wayne Williams typically targets individual young boys in areas that are often not crowded like bridges, wooded areas, vacant lots, street corners, and remote areas.

Proposed Plan: Send an email blast and have community meetings at local schools (elementary schools, middle schools, high schools, and colleges) within the large hunting ground in Atlanta to bring awareness to students and parents. Encourage parents to not leave kids unattended and to always travel in pairs.

Conclusion

Wayne Williams has committed 30 murders of children and young adults in the Atlanta region over the past 23 months, with the most frequently and recently occurring weapon being his hands.

When predicting future events, the murders will likely occur on weekdays with decreasing amounts of days between murders. He will target locations that are vacant, like wooded areas and bridges, and locations in close proximity to each other so he does not have to travel far between subsequent murders.

By sending emails and having community meetings at schools in the Atlanta area, it will help make students and parents more aware of their surroundings. By ensuring that they are not left alone, especially when walking to and from school on weekdays, it will reduce their vulnerability and susceptibility to being cornered and left alone with Wayne Williams