

WeatherBug Safety Solutions In Action

WHAT Lightning strikes GSU football field,
player taken to hospital.

WHERE Georgia Southern University, Statesboro, GA

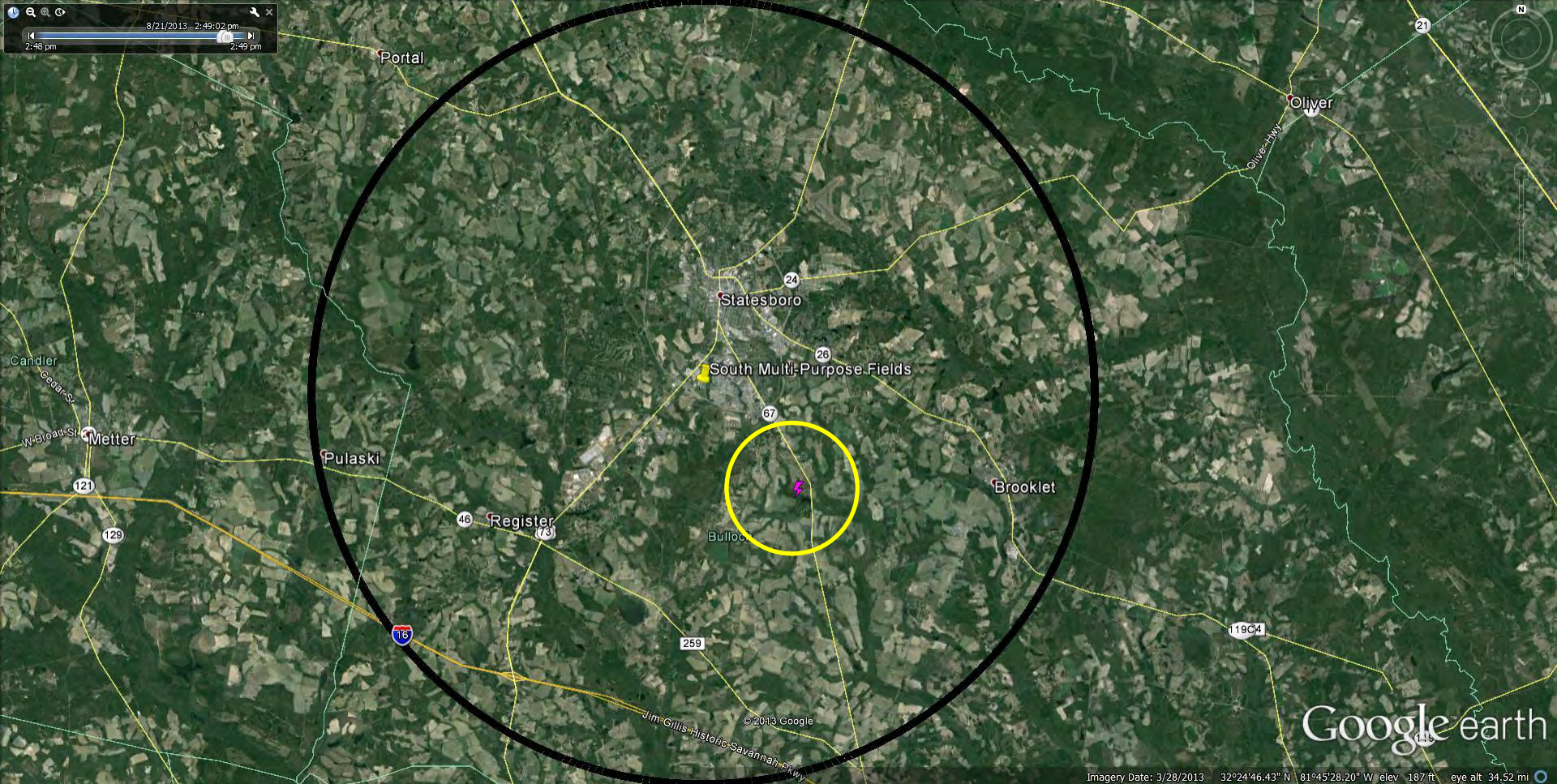
WHEN: Wednesday, August 21, 2013

OUR ADVANCED ALERT: 21 minutes.



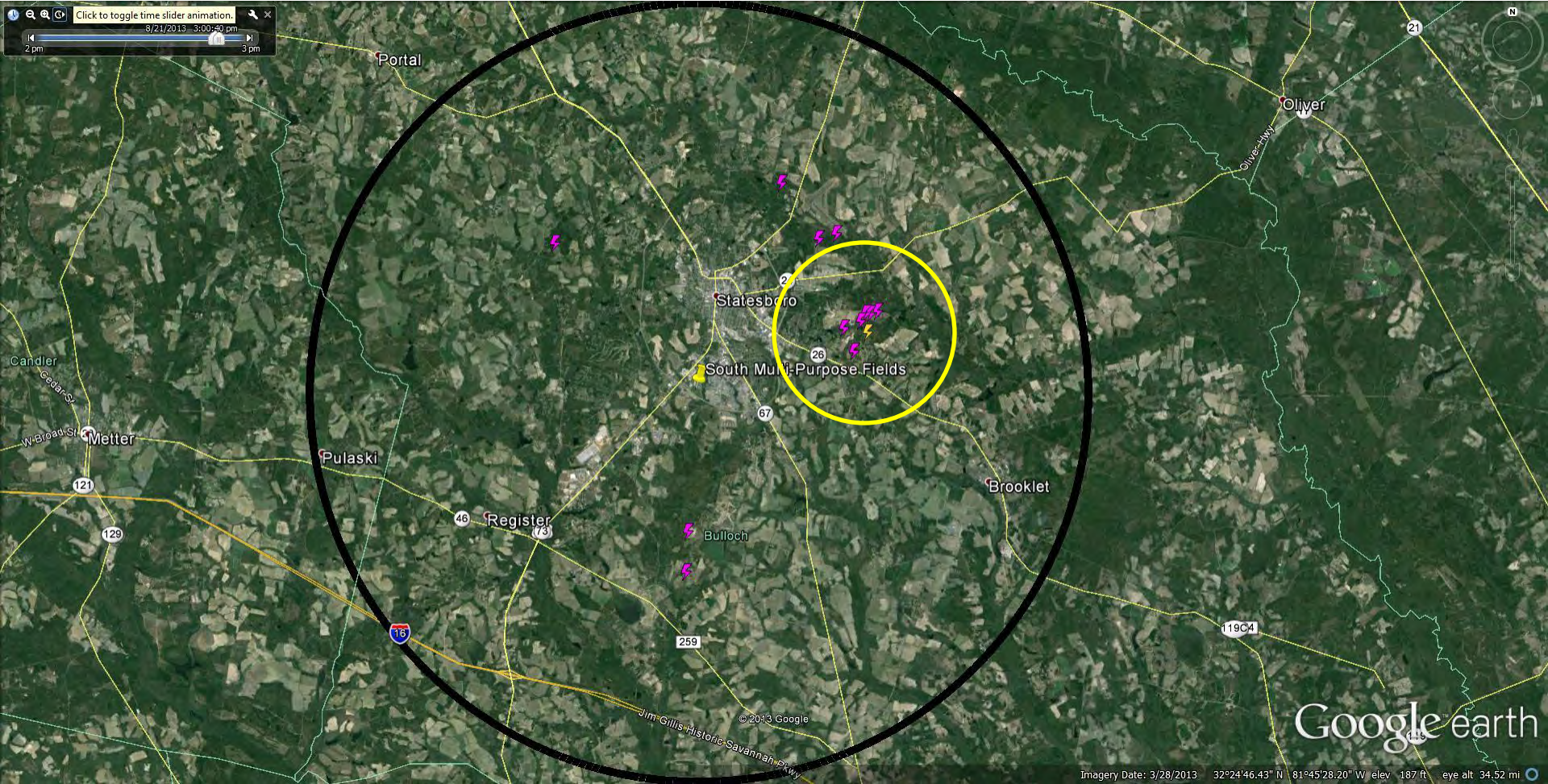
21 minutes prior to strike

2:48 PM CDT– In-cloud (magenta) lightning is detected within a 10-mile radius around the school – approximately 3.5 miles away.



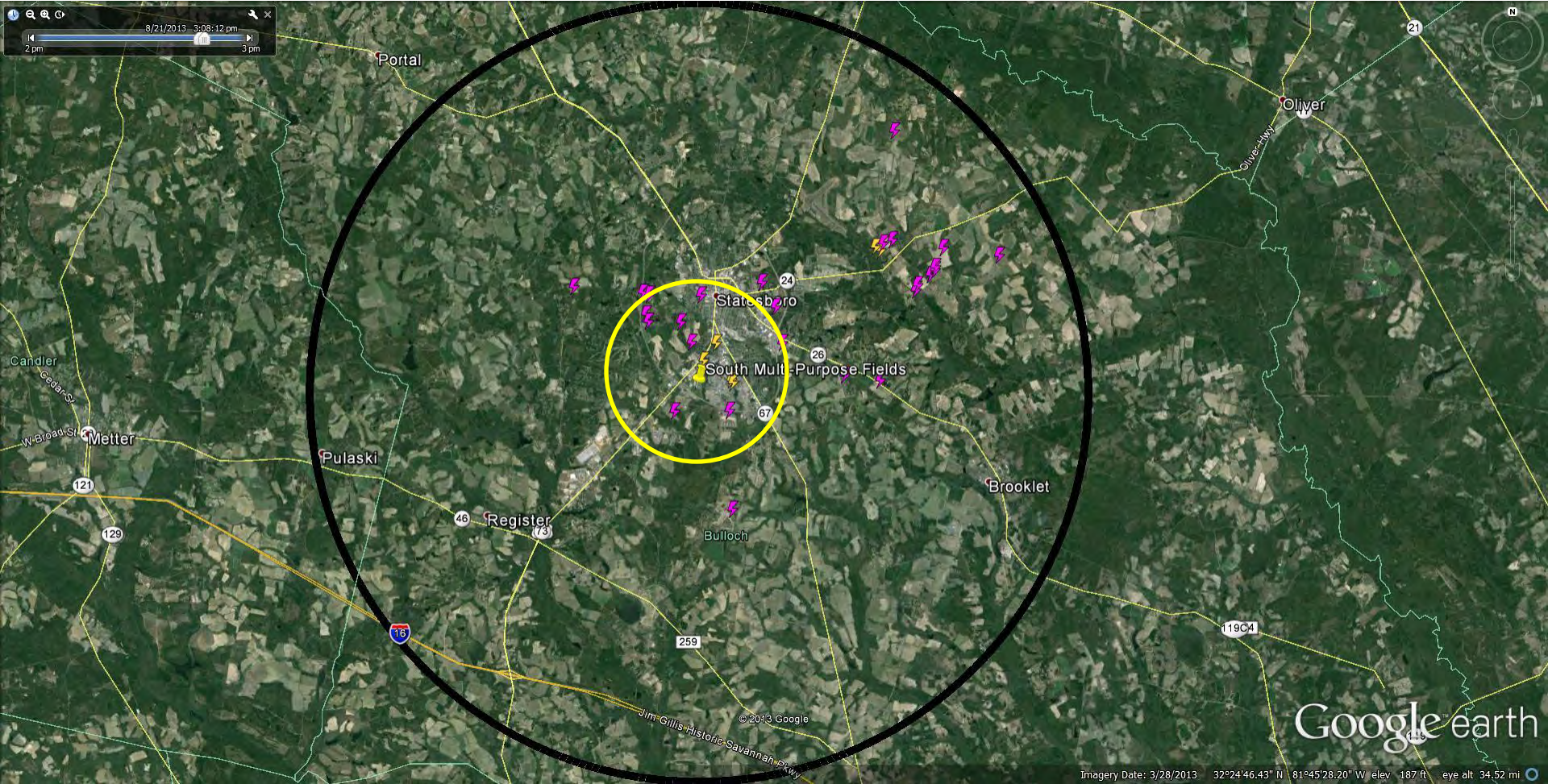
9 minutes prior to strike

3:00 PM EDT – The WeatherBug Network detects more in-cloud lightning, the first cloud-to-ground (yellow) strike is detected within 4.5 miles of the school.



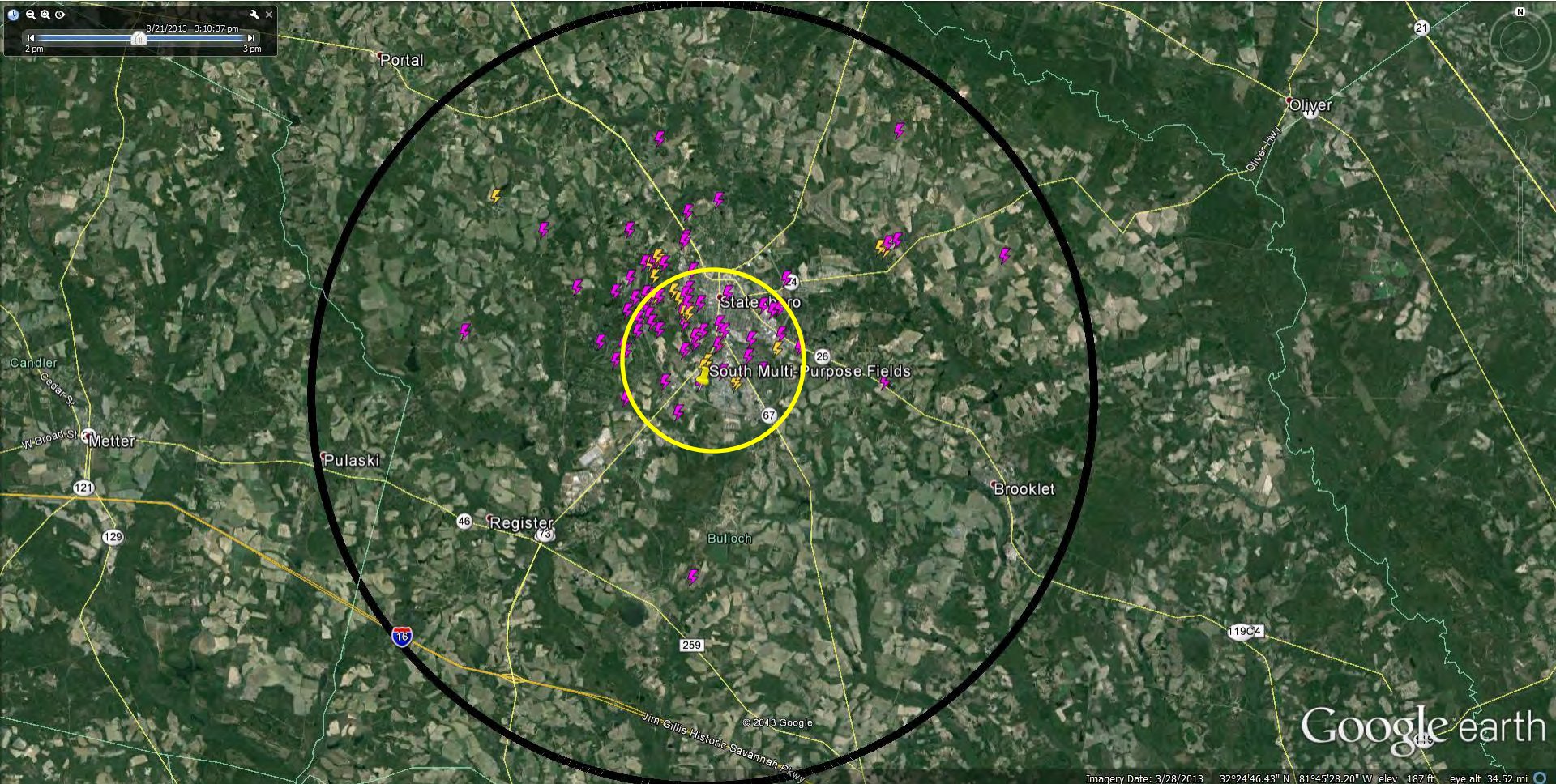
3 minutes prior to strike

3:06 PM EDT – Lightning builds around the school. Cloud-to-ground strikes are detected within 1 mile.



PLAYER INJURED BY LIGHTNING STRIKE

3:09:40 PM EDT –A lightning strike is detected yards from the pavilion where the team was taking cover. A player is injured by the lightning strike.



A thunderstorm warning was issued at 3:15 PM – 6 minutes after impactful strike.

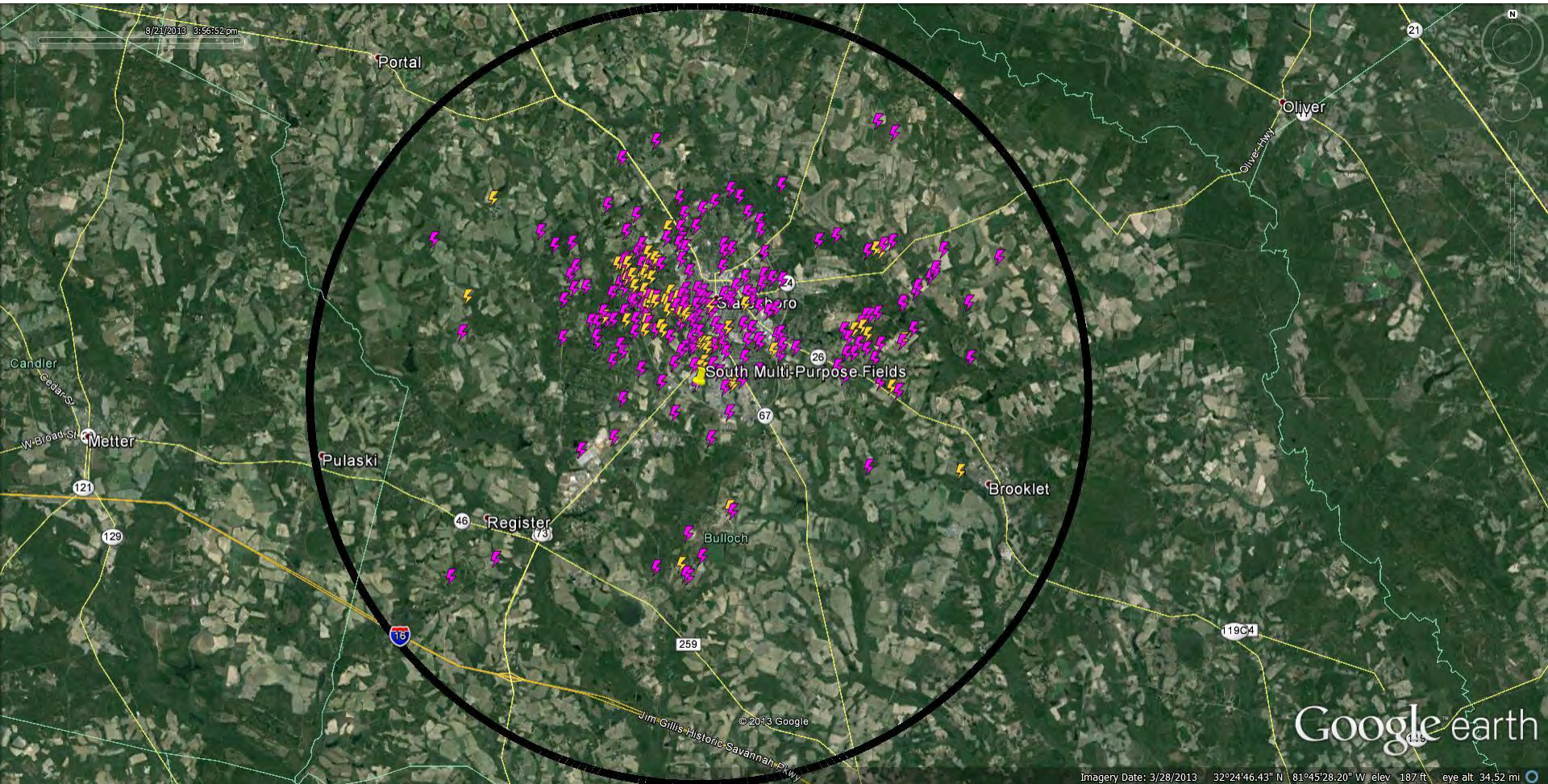
PLAYER INJURED BY LIGHTNING STRIKE

3:09:40 PM EDT – A close-up of the strike that injured GSU football player. The player was standing close to the edge of the pavilion when the proximity strike occurred.



A thunderstorm warning was issued at 3:15 PM – 6 minutes after impactful strike.

Total Lightning for the event.



A thunderstorm warning was issued at 3:15 PM – 6 minutes after impactful strike.

Related News Reports:

- <http://savannahnow.com/sports/2013-08-21/lightning-strikes-near-georgia-southern-football-player-sends-him-hospital>
- <http://www.foxnews.com/sports/2013/08/21/lightning-strike-sends-player-to-hospital/>

View more case studies:

<http://earthnetworks.com/IndustrySolutions/CaseStudies>

This Event Demonstrates How Advanced Warning Can Help Save Lives



know before.SM

The vast majority of lightning stays in the sky and jumps from cloud-to-cloud. Meteorologists and climate scientists have long known that this in-cloud lightning is an early sign of impending severe weather – including dangerous and even deadly cloud-to-ground strikes that kill 50 people, on average, every year and injure far more.

Knowing that in-cloud lightning plays a key role in the formation and intensity of many kinds of extreme weather, we established [the world's largest and most advanced lightning sensor network](#). The sensors in our network continuously **monitor**, **calculate** and **report** where and when lightning strikes occur in the clouds or on the ground – what meteorologists call **total lightning**.

Our advanced technology based on state-of-the-art lightning sensors and networking technology now makes it possible for us to provide our customers with **peace of mind** when storms with lightning are in the area.

On mobile: WeatherBug's Spark is the only mobile tool delivering minute-by-minute, mile-by-mile lightning strike information for [Android devices](#), [iPhone](#) and [iPad](#).

On PCs: [StreamerRT](#) is the most comprehensive and user-friendly tool available to visualize live and forecast weather conditions at local, regional, national and international levels for critical decision-making.

Outdoors: [Outdoor mass notification system](#) for schools, parks, athletic facilities, stadiums and other outdoor venues where safety is a priority.