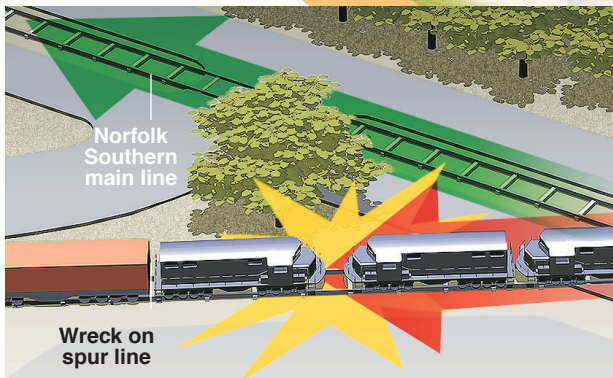


A deadly cloud

During the early morning of Jan. 6, the wreck of two trains in Graniteville ruptured a tank car, spilling its cargo of 90 tons of pressurized chlorine gas. The toxic cloud, which was heavier than air, according to Dr. Vincent Van Brunt, a professor of chemical engineering at the University of South Carolina, flowed into the low-lying area around Horse Creek near seven Avondale Mills textile facilities. Eight of the nine people who died from exposure to the gas were in areas lower than the crash site. The train's engineer later died as a result of exposure to the chlorine.

The wreck: Norfolk Southern 192 crashed into a train parked on a spur line.



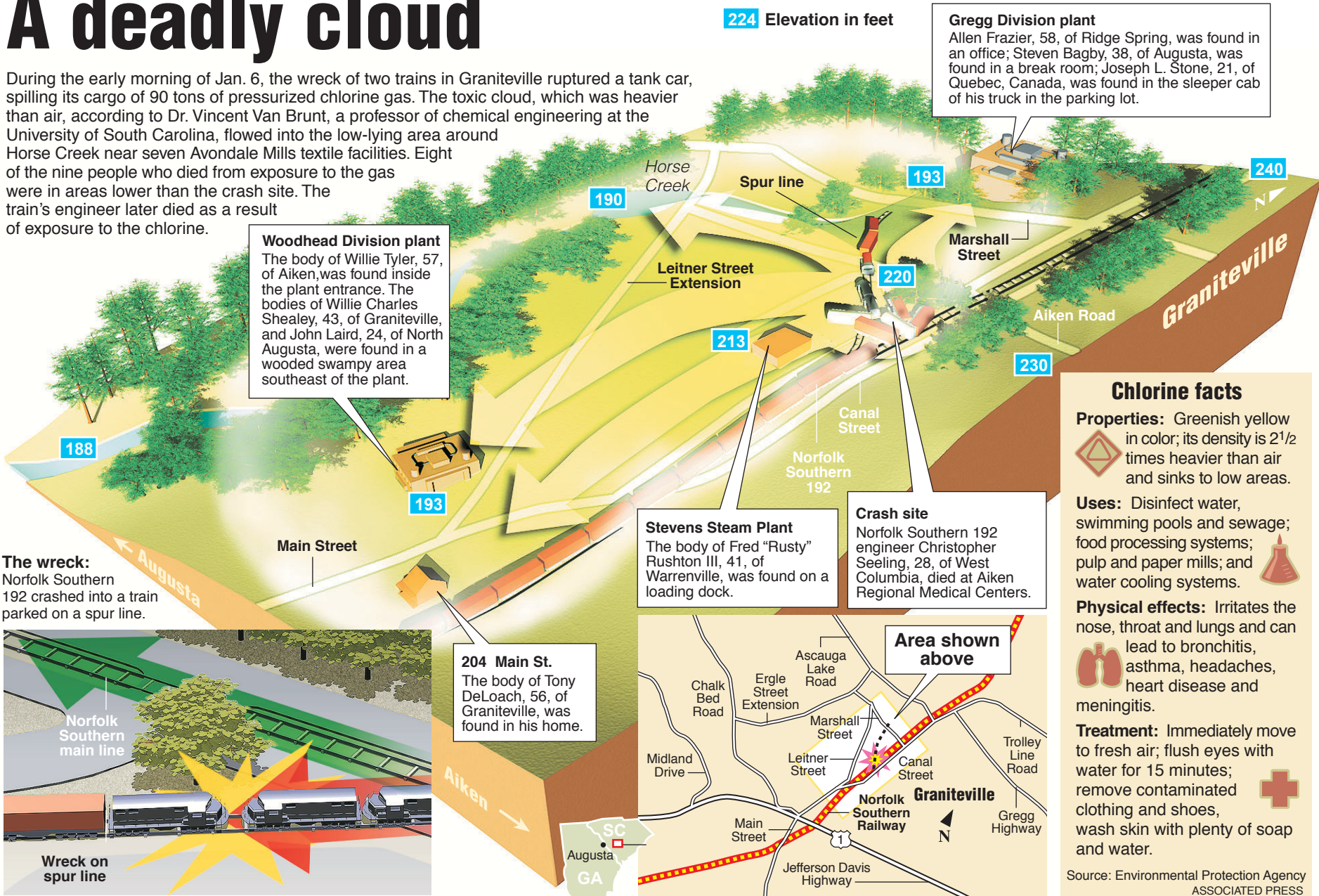
Source: *The Augusta Chronicle* research

Woodhead Division plant
The body of Willie Tyler, 57, of Aiken, was found inside the plant entrance. The bodies of Willie Charles Shealey, 43, of Graniteville, and John Laird, 24, of North Augusta, were found in a wooded swampy area southeast of the plant.

Stevens Steam Plant
The body of Fred "Rusty" Rushton III, 41, of Warrenton, was found on a loading dock.

204 Main St.
The body of Tony DeLoach, 56, of Graniteville, was found in his home.

Gregg Division plant
Allen Frazier, 58, of Ridge Spring, was found in an office; Steven Bagby, 38, of Augusta, was found in a break room; Joseph L. Stone, 21, of Quebec, Canada, was found in the sleeper cab of his truck in the parking lot.



Chlorine facts

Properties: Greenish yellow in color; its density is 2 1/2 times heavier than air and sinks to low areas.

Uses: Disinfect water, swimming pools and sewage; food processing systems; pulp and paper mills; and water cooling systems.

Physical effects: Irritates the nose, throat and lungs and can lead to bronchitis, asthma, headaches, heart disease and meningitis.

Treatment: Immediately move to fresh air; flush eyes with water for 15 minutes; remove contaminated clothing and shoes, wash skin with plenty of soap and water.

Source: Environmental Protection Agency ASSOCIATED PRESS