

# Oil Train Derailments

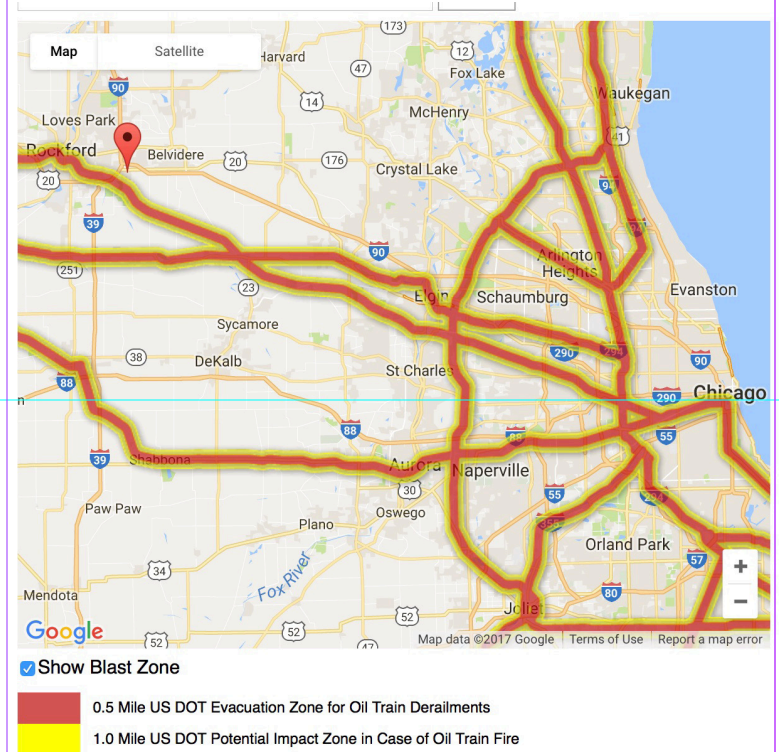


19 cars derailed  
near Rockford Illinois

June 19, 2009, 8:30 pm

13 cars breached and ignited

1 death, 7 injuries, 600 homes evacuated

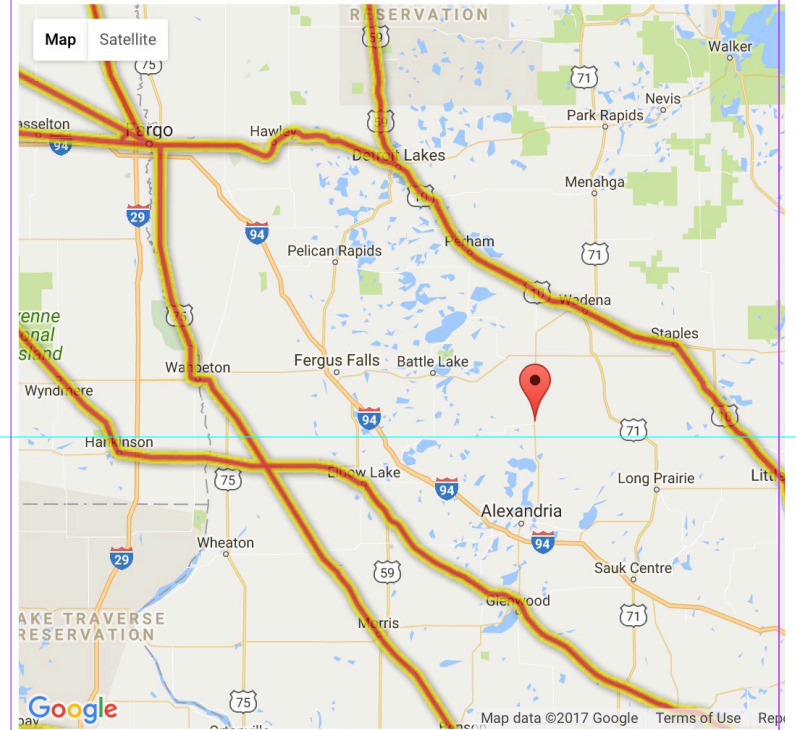


Mile-long train hauling oil from Canada derailed


Western Minnesota near Parkers Prairie

March 27, 2013

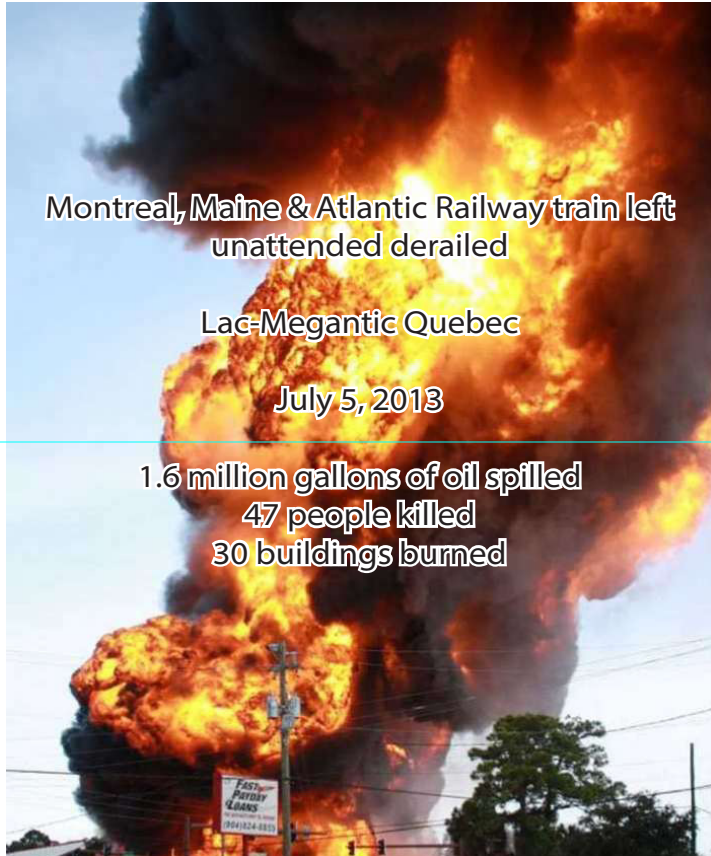
30,000 gallons of crude spilled



☒ Show Blast Zone

 0.5 Mile US DOT Evacuation Zone for Oil Train Derailments

 1.0 Mile US DOT Potential Impact Zone in Case of Oil Train Fire



Montreal, Maine & Atlantic Railway train left  
unattended derailed

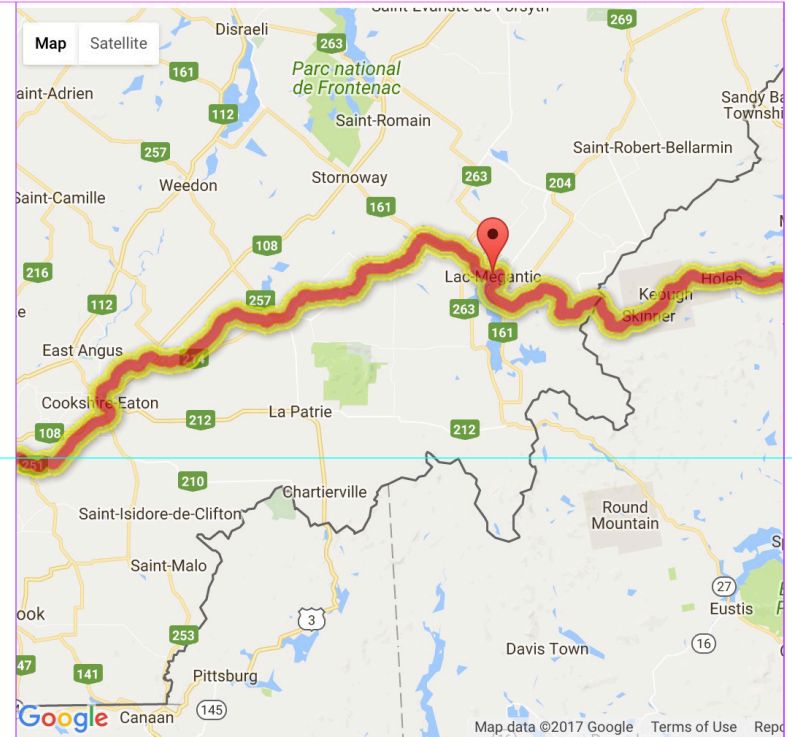
Lac-Megantic Quebec

July 5, 2013

1.6 million gallons of oil spilled

47 people killed

30 buildings burned



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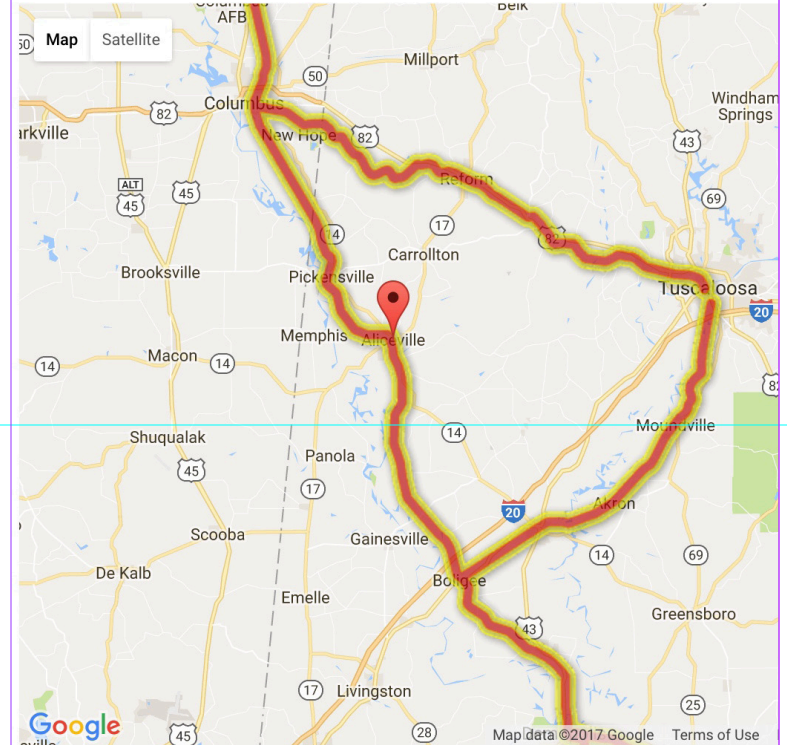
Oil train from North Dakota derailed

Near Aliceville, Alabama

Nov. 8, 2013

Explosion

749,000 gallons of oil spilled from 26 tanker cars



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0.5 Mile US DOT Evacuation Zone for Oil Train Derailments

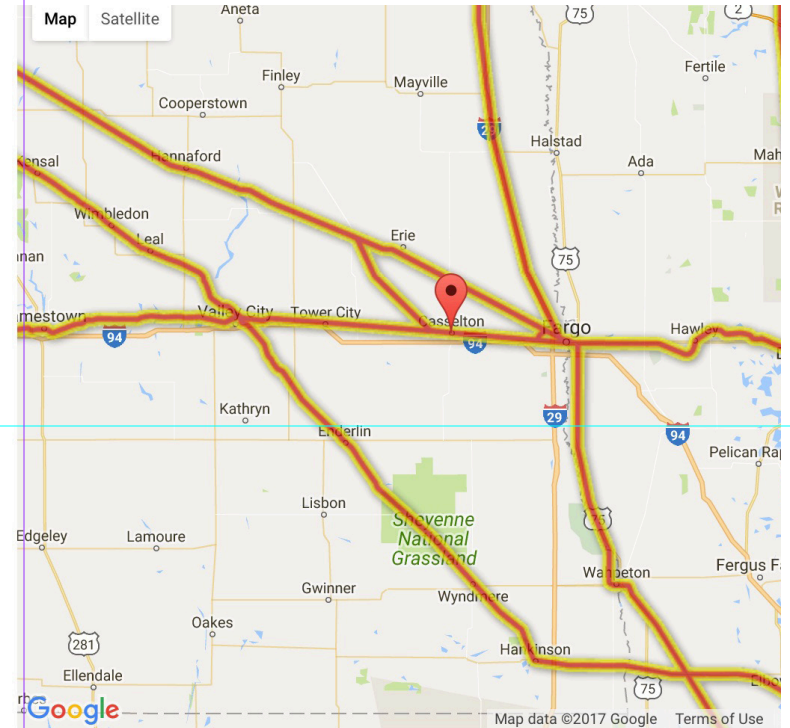
1.0 Mile US DOT Potential Impact Zone in Case of Oil Train Fire

## Burlington Northern Santa Fe train collision

Casselton, North Dakota

Dec. 30, 2013

Intense fire  
2,000 residents evacuated  
No injuries



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0.5 Mile US DOT Evacuation Zone for Oil Train Derailments

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122-car Canadian National Railway train derailed

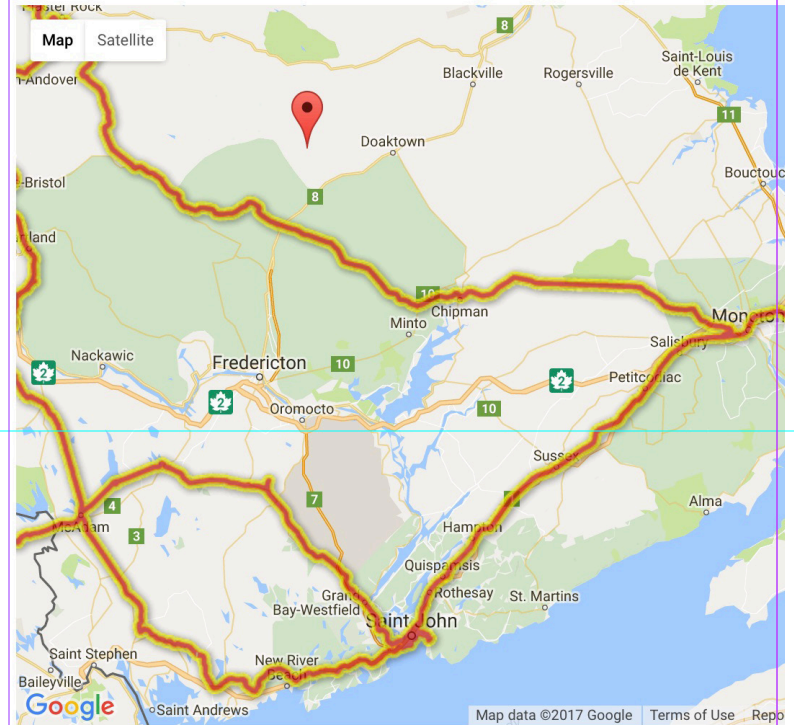
New Brunswick, Canada

Jan. 7, 2014

Explosion

Intense fires burned for days

150 residents evacuated



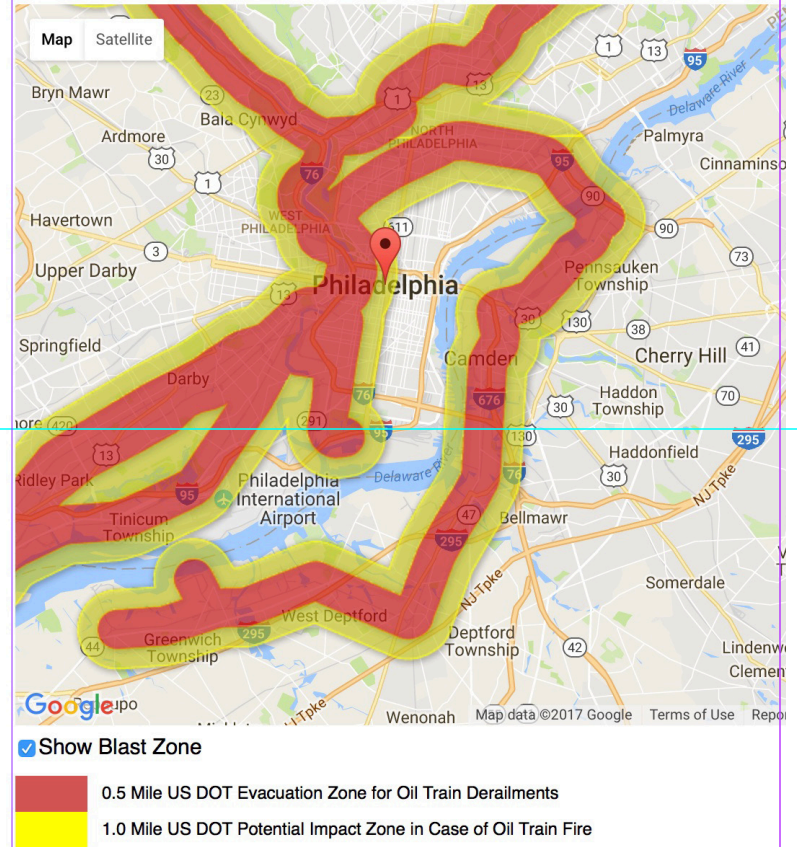
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- 0.5 Mile US DOT Evacuation Zone for Oil Train Derailments
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7 CSX train cars of a 100 car train derailed  
Bridge over Schuylkill River in Philadelphia

Jan. 20, 2014

No injuries  
No spill

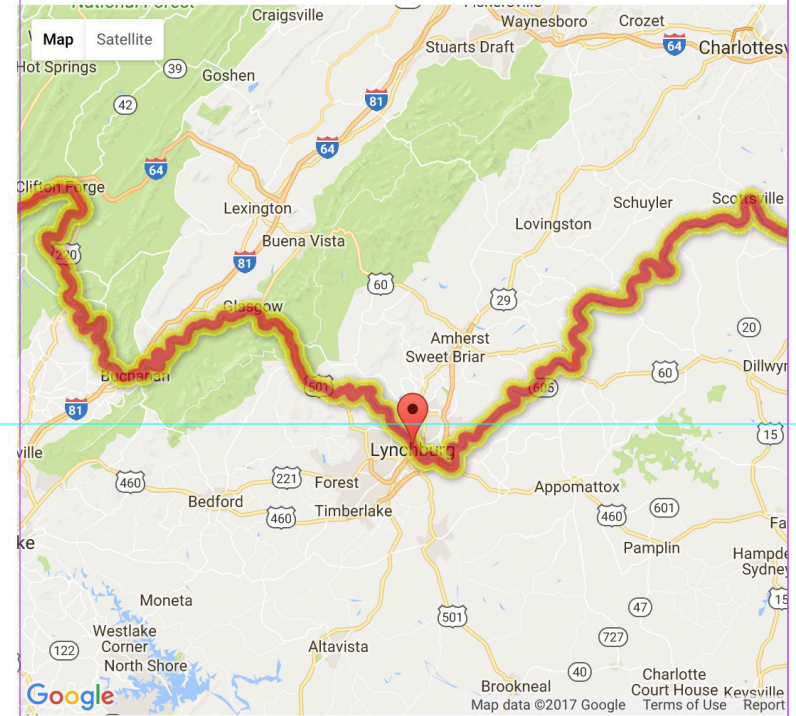




15 cars of a crude oil train derailed

Downtown Lynchburg, Virginia  
April 30, 2014

Fire  
Evacuation  
30,000 gallons of oil spilled into the James River



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0.5 Mile US DOT Evacuation Zone for Oil Train Derailments

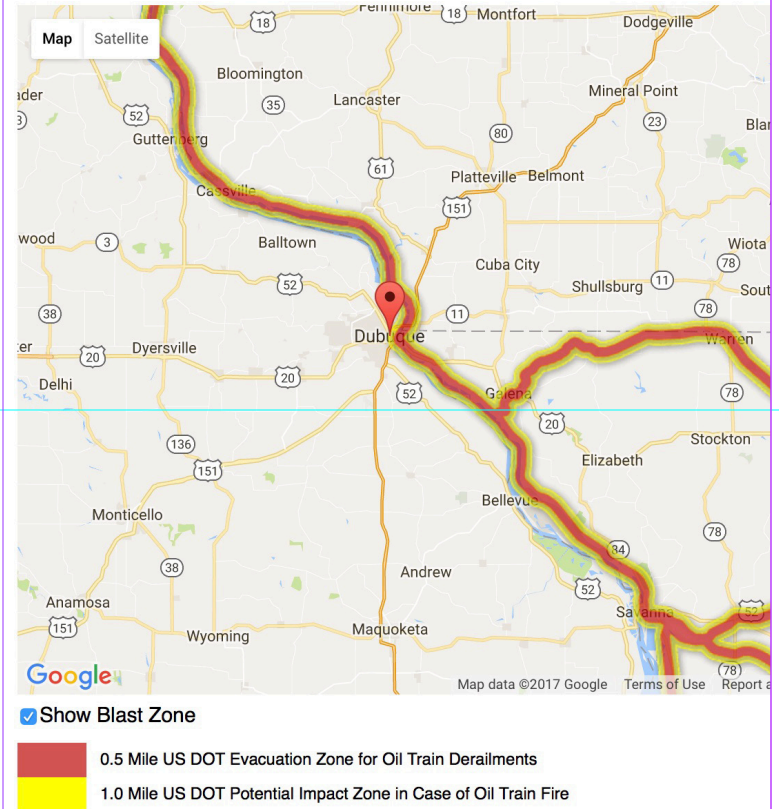
1.0 Mile US DOT Potential Impact Zone in Case of Oil Train Fire

11 cars derailed on eastbound Canadian  
Pacific train

Dubuque, Iowa

February 4, 2015, 11:30 am

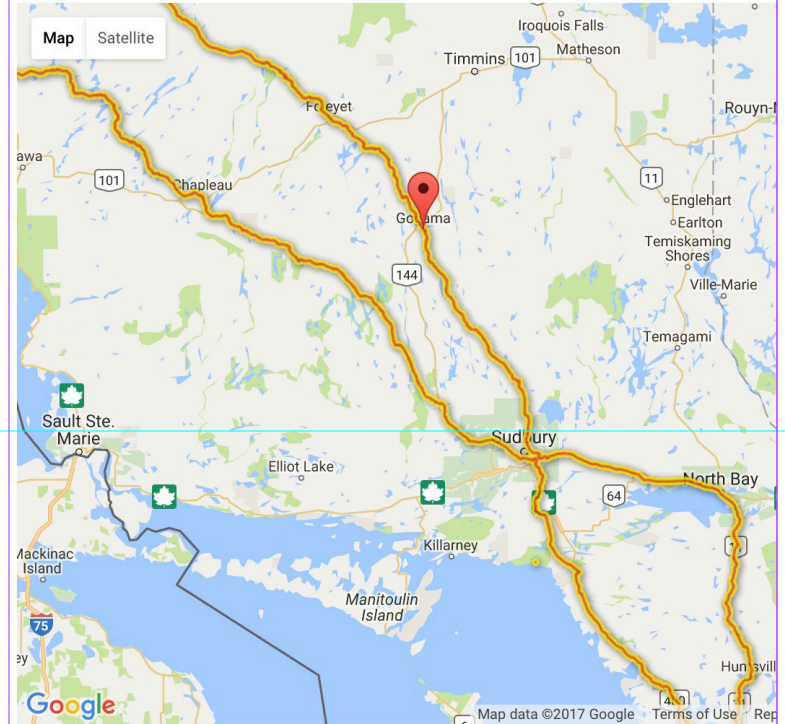
Fire  
Ethanol leak into Mississippi River



Accident was 23 miles from  
100-car Canadian National Railway train hauling  
crude oil and petroleum distillates derailed

Feb. 14, 2015

Blaze ignited burned for days

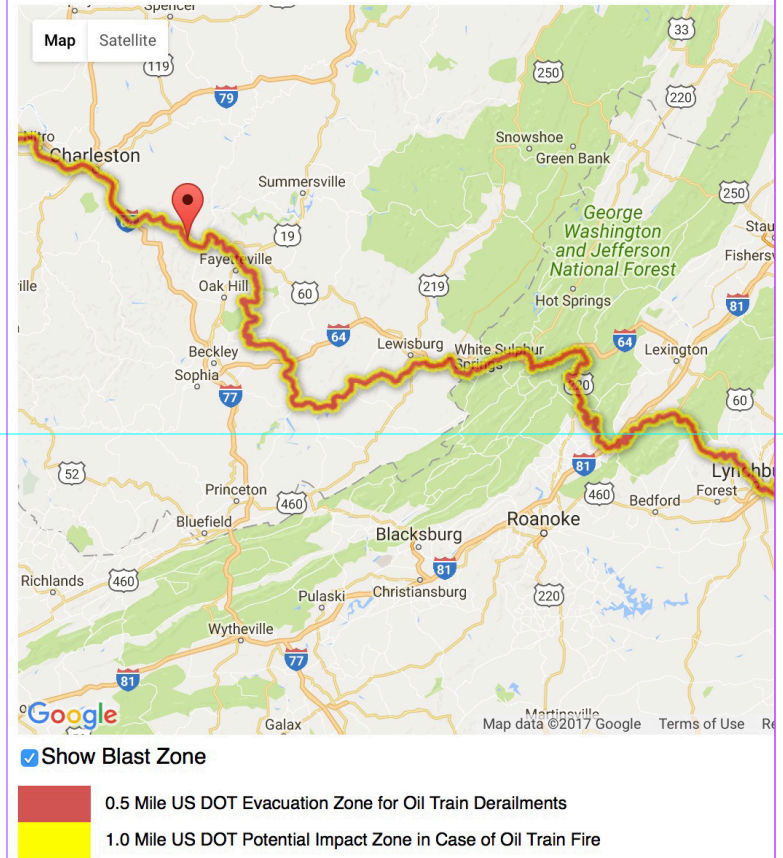


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## Mount Carbon, West Virginia

## Fire burned for week Leak into Kanawha River tributary



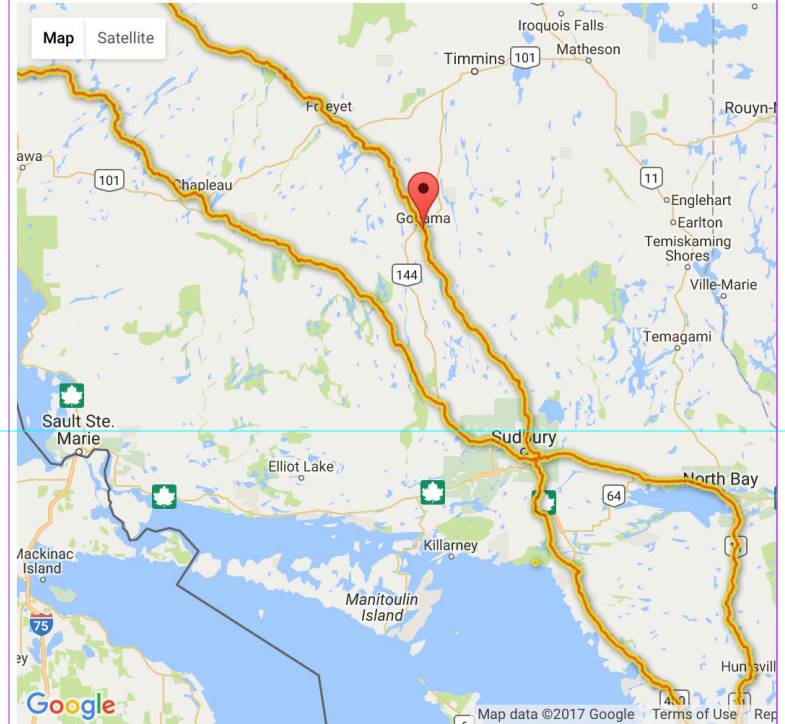


94-car Canadian National Railway  
crude oil train derailed



3 miles outside northern Ontario town of Gogama

March 7, 2015

Fire destroyed a bridge



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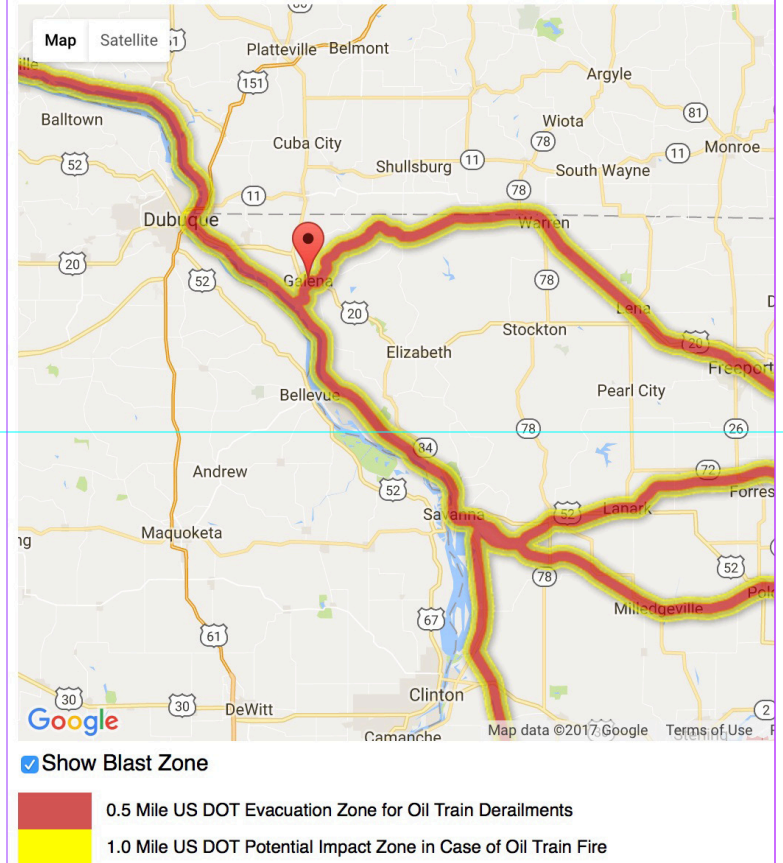
-  0.5 Mile US DOT Evacuation Zone for Oil Train Derailments
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21 cars of a 105-car Burlington Northern  
Santa Fe train derailed

3 miles from Galena, Illinois

March 10, 2015

2 cars burned  
No injuries

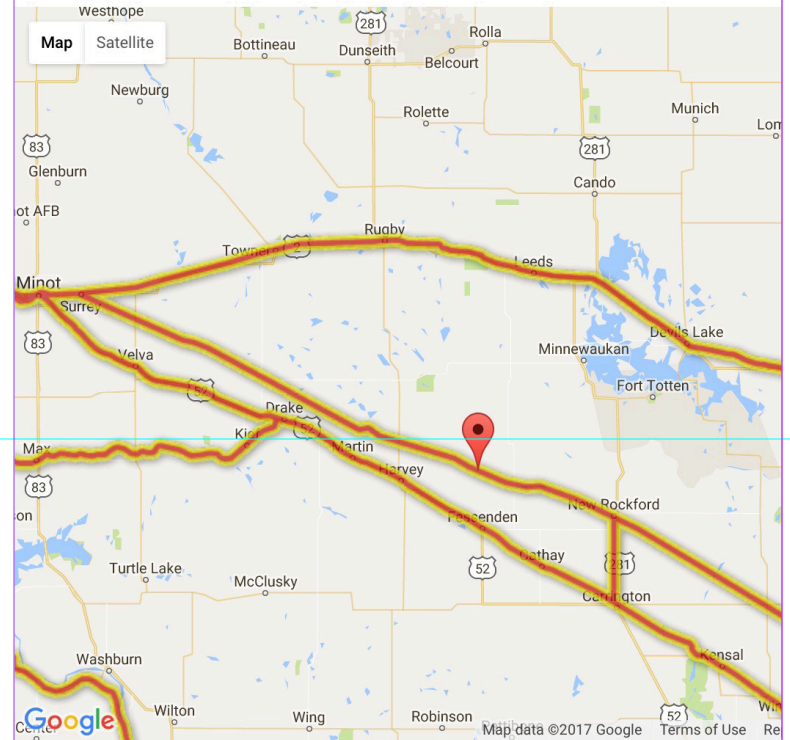


## 109-car Burlington Northern Santa Fe crude oil train derailed


Near Heimdal, North Dakota

May 6, 2015

Six cars exploded into flames  
60,000 gallons of oil spilled



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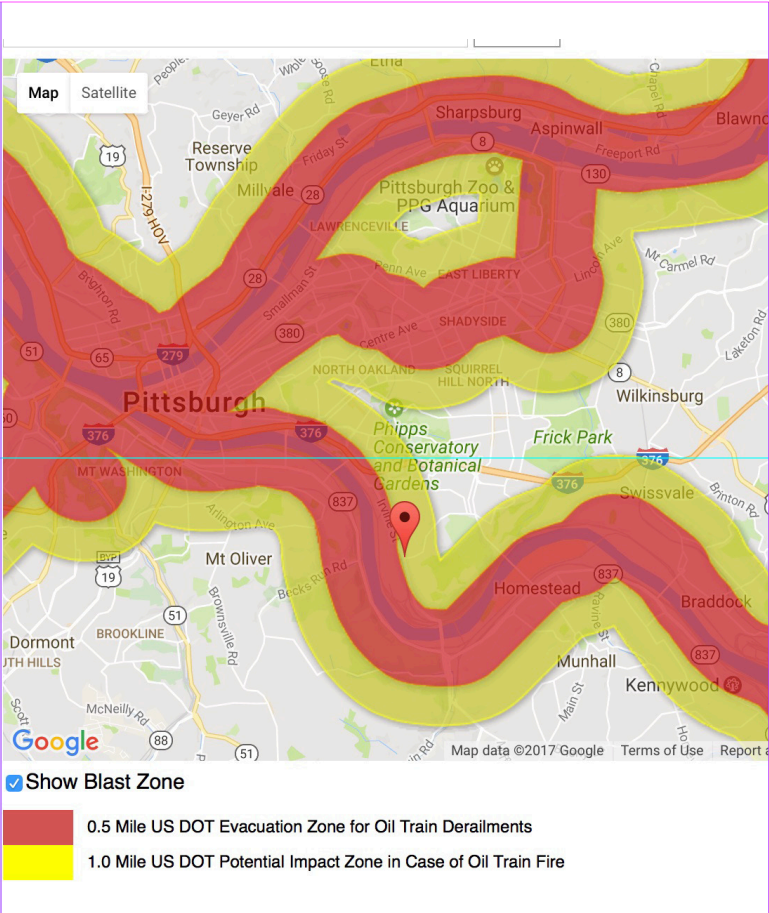
 0.5 Mile US DOT Evacuation Zone for Oil Train Derailments

 1.0 Mile US DOT Potential Impact Zone in Case of Oil Train Fire

13 cars of a long freight train derailed  
Hazelwood, Pittsburgh neighborhood  
May 14, 2015; 10 am

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May 14, 2015; 10 am

13 cars of a long freight train derailed  
Hazelwood, Pittsburgh neighborhood  
May 14, 2015; 10 am



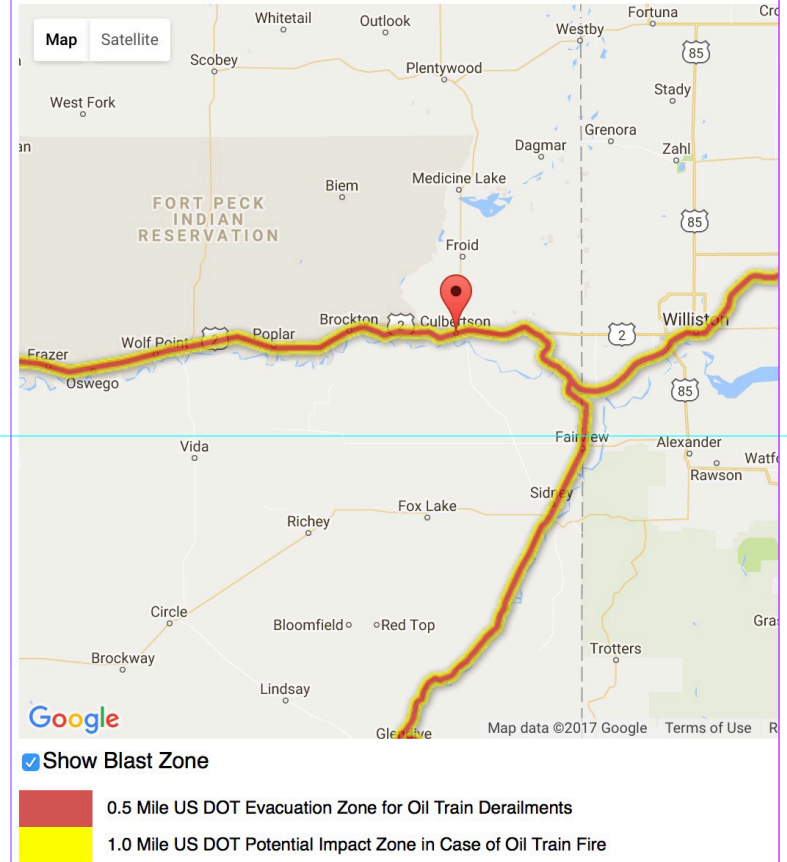


20 cars from a 108-car Burlington Northern  
Santa Fe oil  
train derailed

East Culbertson, Montana

July 16, 2015

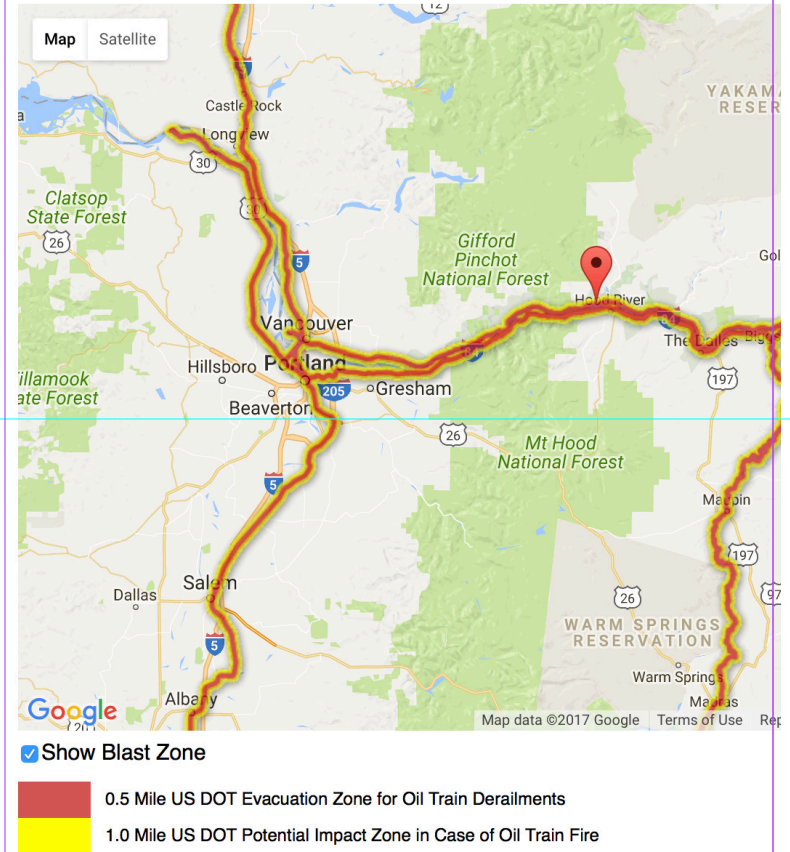
35,000 gallons of oil spilled



11 cars of 96-car Union Pacific train  
derailed Columbia River Gorge near Mosier

June 3, 2016

Fire  
Mosier evacuated  
No injuries

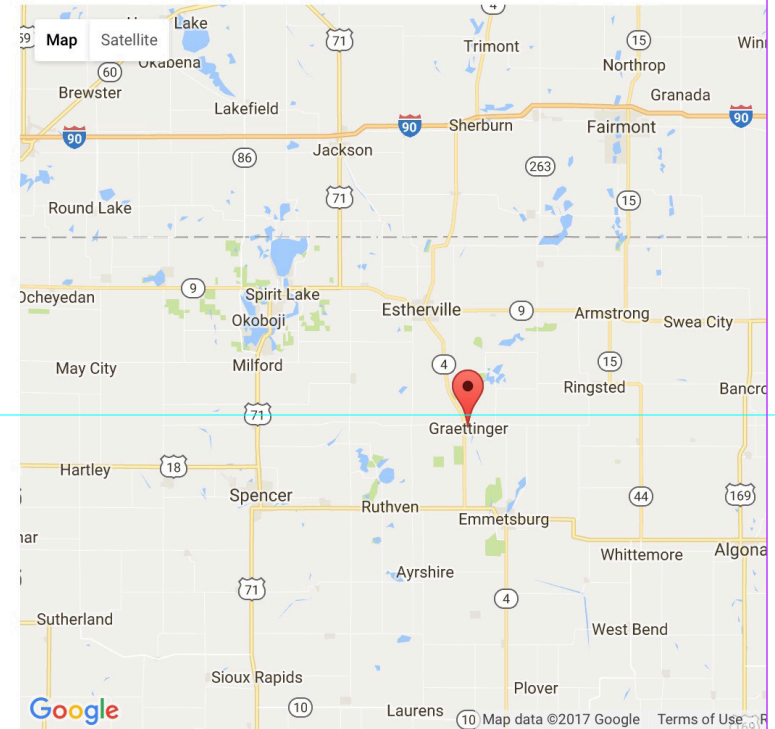


27 cars of 101 car train carrying ethanol derailed

Outside of Graettinger Iowa

March 8, 2017, 1 am

8 cars burned  
No injuries



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0.5 Mile US DOT Evacuation Zone for Oil Train Derailments

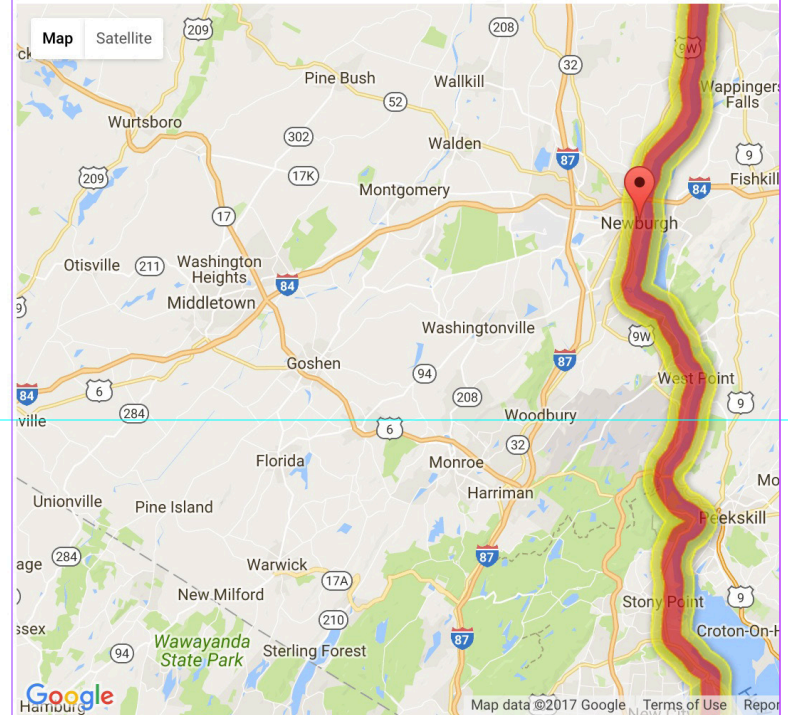
1.0 Mile US DOT Potential Impact Zone in Case of Oil Train Fire

CSX freight train derailed after  
colliding with articulating boom lift

Newburgh New York

March 8, 2017

Diesel fuel leaked  
Minor injuries



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2 trains collided derailing 12 cars

Money Mississippi

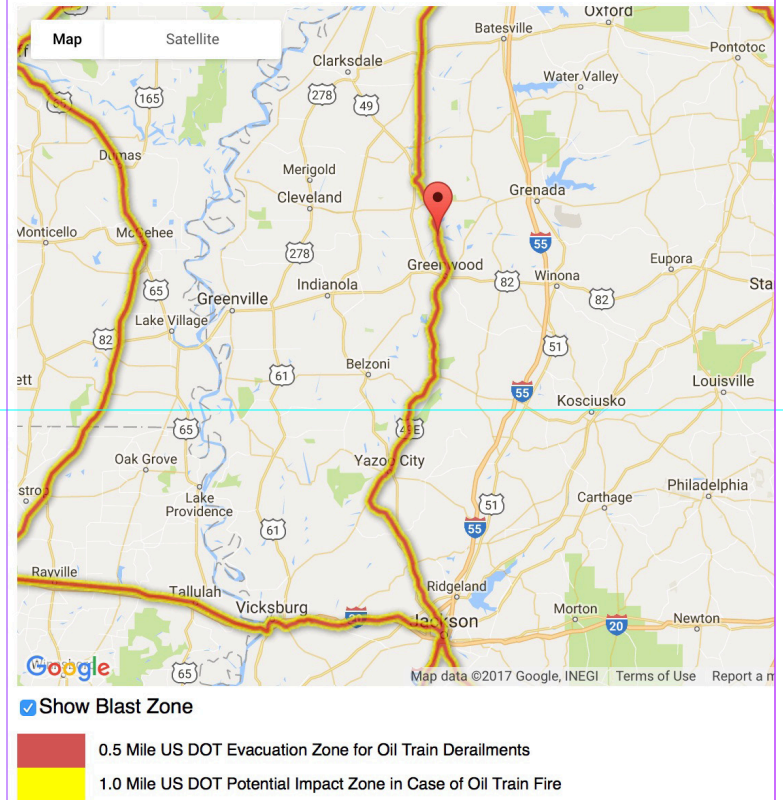
May 1, 2017

20,000 gallons of crude leaked

Fire

Evacuation

No injuries



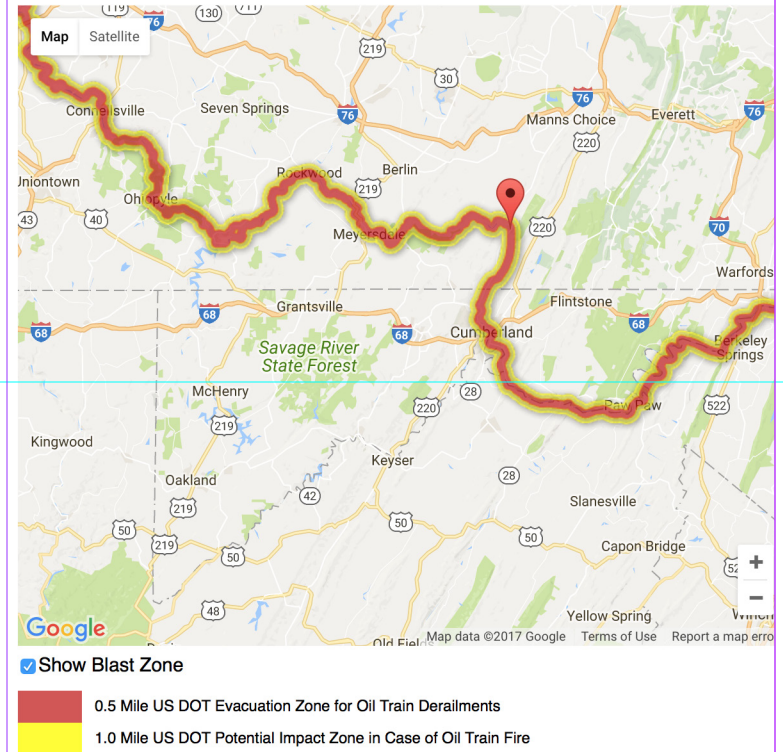
32 cars of a 178 car CSX train derailed

Hyndman Pennsylvania

August 2, 2017

Explosion and burning of hazardous materials  
Town of Hyndman evacuated

No injuries reported

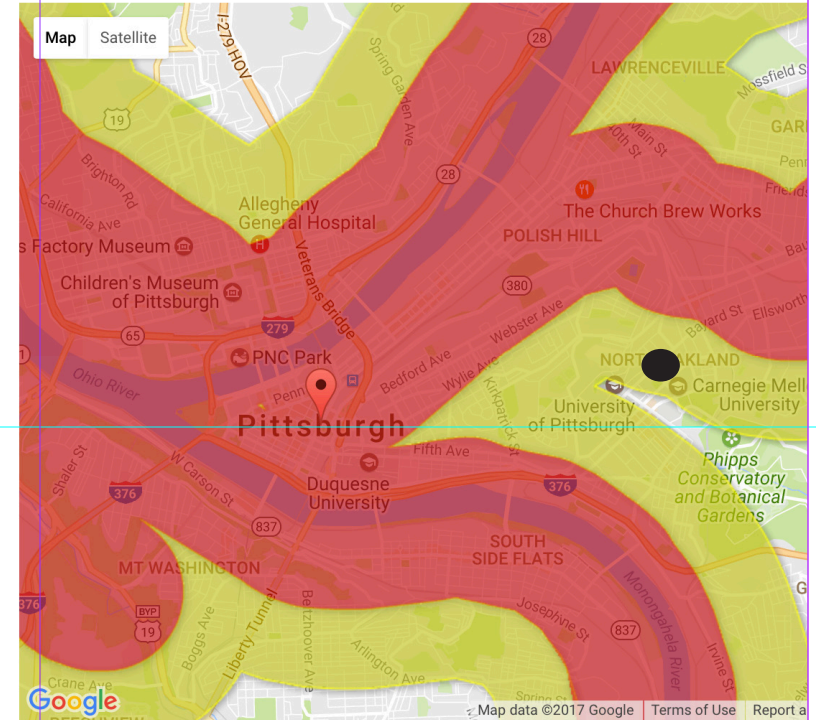


● is where I live

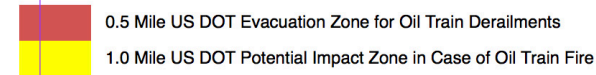
Not shown

Another track runs in ravine next to Carnegie Mellon University and into a tunnel under my apartment building

I am in the heart of the blast zone



☒ Show Blast Zone





## References

<http://explosive-crude-by-rail.org>

<http://dot111.info/2017/03/>

<http://bakken.com/news/id/tag/train-derailment/>

[http://www.huffingtonpost.com/2014/04/30/-lynch-burg-virginia-train-derailment\\_n\\_5241800.html](http://www.huffingtonpost.com/2014/04/30/-lynch-burg-virginia-train-derailment_n_5241800.html)

<http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/railcar.aspx>

Lac-Megantic explosion documentary

<https://www.youtube.com/watch?v=RnccBtN2il8&feature=youtu.be>

Research and editing by Ruthe Rieger Karlin, 2017