

NWS Radar Captures Failed Rocket Launch From Wallops Island

Below is a time series from the National Weather Service (NWS) Radar located at the Dover Air Force Base, DE from 6:27pm-7:16pm Tuesday evening. The radar was able to pick up the debris and smoke plume from the Antares Rocket that exploded about 6 seconds after take-off from the NASA launch site at Wallops Island, Virginia. At the time of the last image, the plume could be seen as high as 11,000ft by the radar. The rocket was unmanned and contained nearly 5,000lbs of supplies and research equipment.

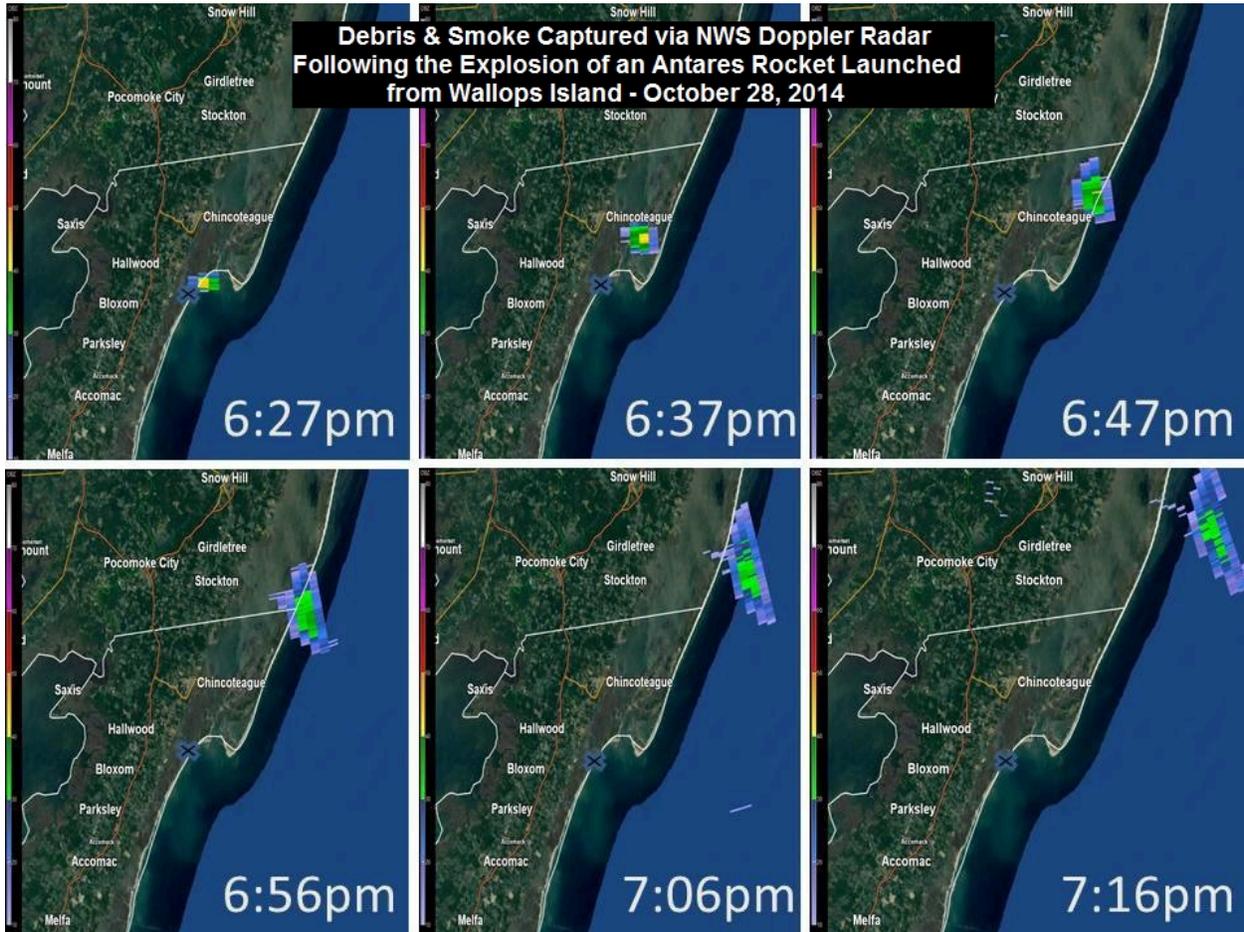
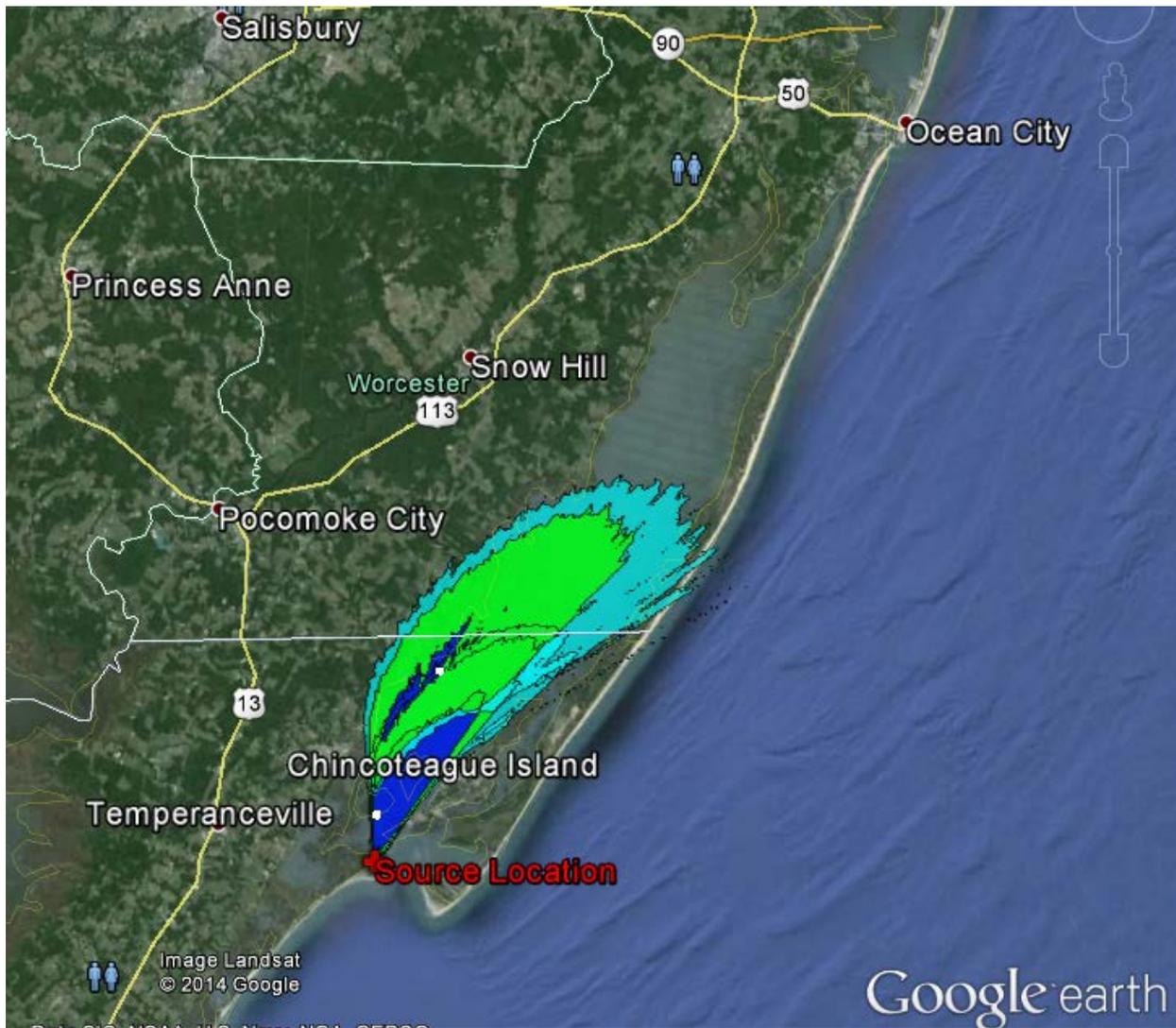


Photo to Antares Rocket Explosion at Wallops Island - Courtesy of NASA.



Above is a HYSPLIT dispersion run modeling the plume of smoke following the Antares Rocket explosion. Projections show the plume drifting northeast for 30 minutes following the explosion. The model projection was based on the NAM model tracking particles in the lowest 1000 meters of the atmosphere.