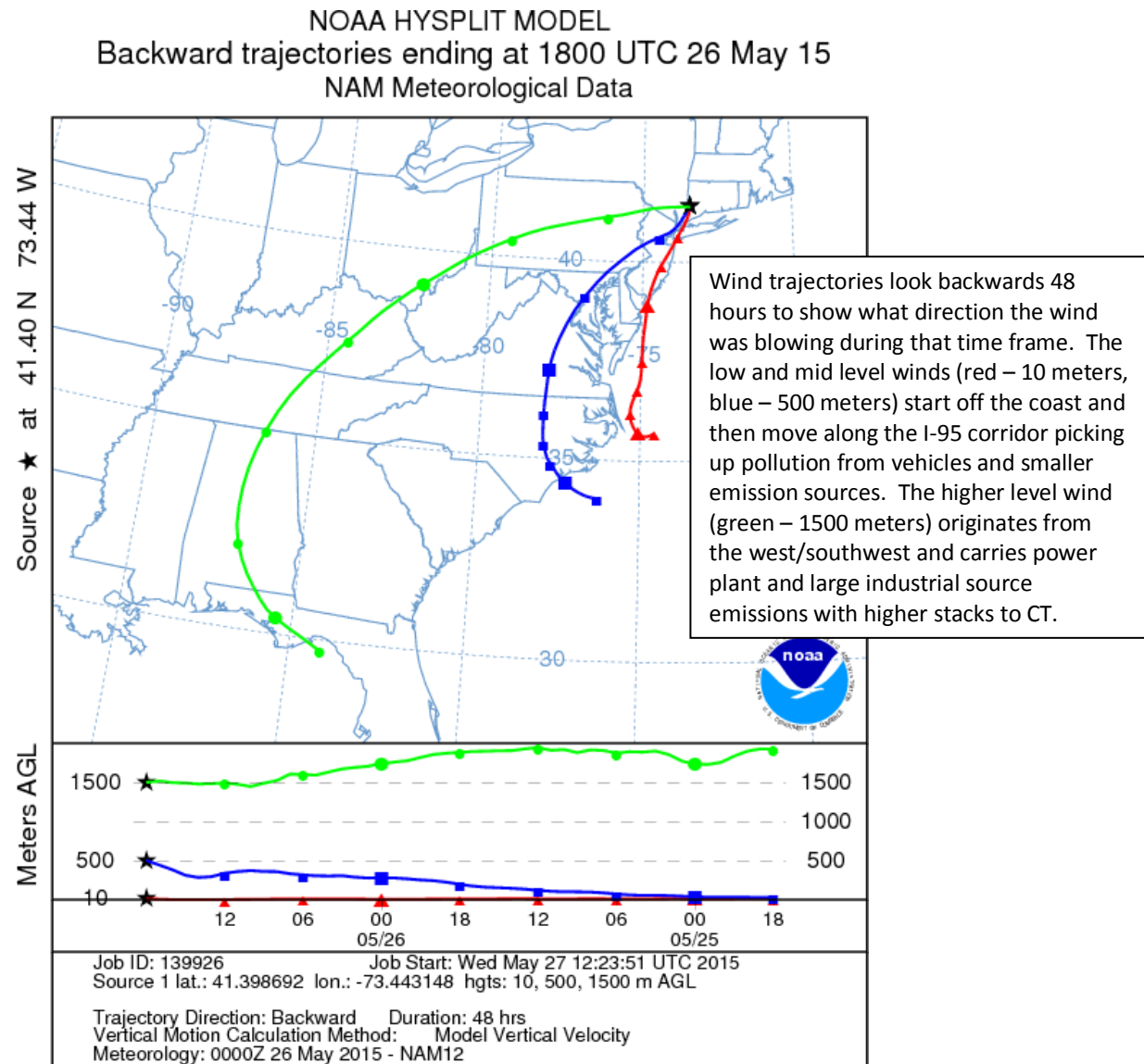
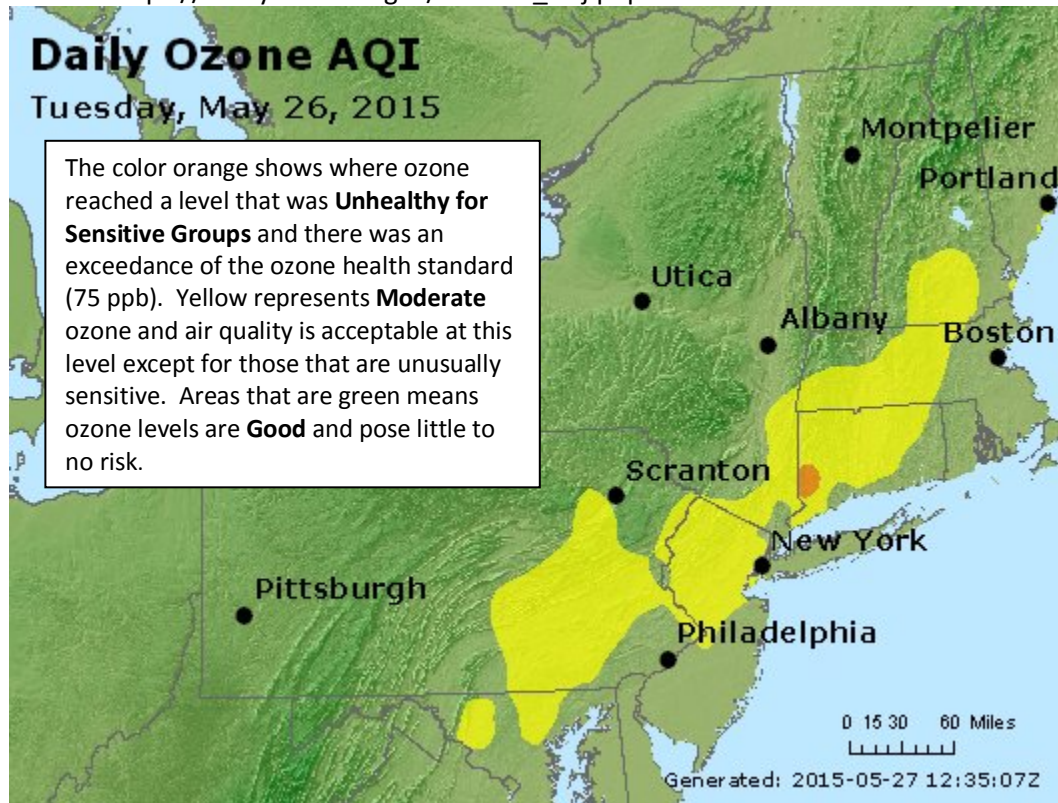


Ozone National Ambient Air Quality Standard Exceedance May 26, 2015

On Tuesday, May 26, 2015, there was an ozone exceedance of 77 ppb at the Danbury, CT air monitoring site, which is in the Metropolitan NY/NJ/CT Air Quality Control Region. This region is also referred to as the Northern NJ Ozone Nonattainment Area. Danbury was the only site across New Jersey's northern and southern ozone nonattainment areas that had an exceedance of the federal health standard, 75 ppb. The highest sites in New Jersey were Ramapo at 71 ppb, followed by Flemington at 70 ppb. Meteorological data from Danbury Municipal Airport shows temperatures reached 84° F, while winds were from the south/southwest with an average wind speed of 7 mph. Skies were partly cloudy over Connecticut, but there was enough sunshine to promote ozone formation. Sufficient sunlight, combined with warmer temperatures and a southwest wind component are all features commonly seen with an ozone exceedance. In New Jersey, wind speeds were greater, and there was enough of a maritime flow component to keep ozone concentrations below the standard.



Source: https://ready.arl.noaa.gov/HYSPLIT_traj.php



Source: www.airnow.gov

For ozone terminology definitions see NJDEP Air Quality Planning's Glossary and Acronyms webpage:
<http://nj.gov/dep/baqp/glossary.html>