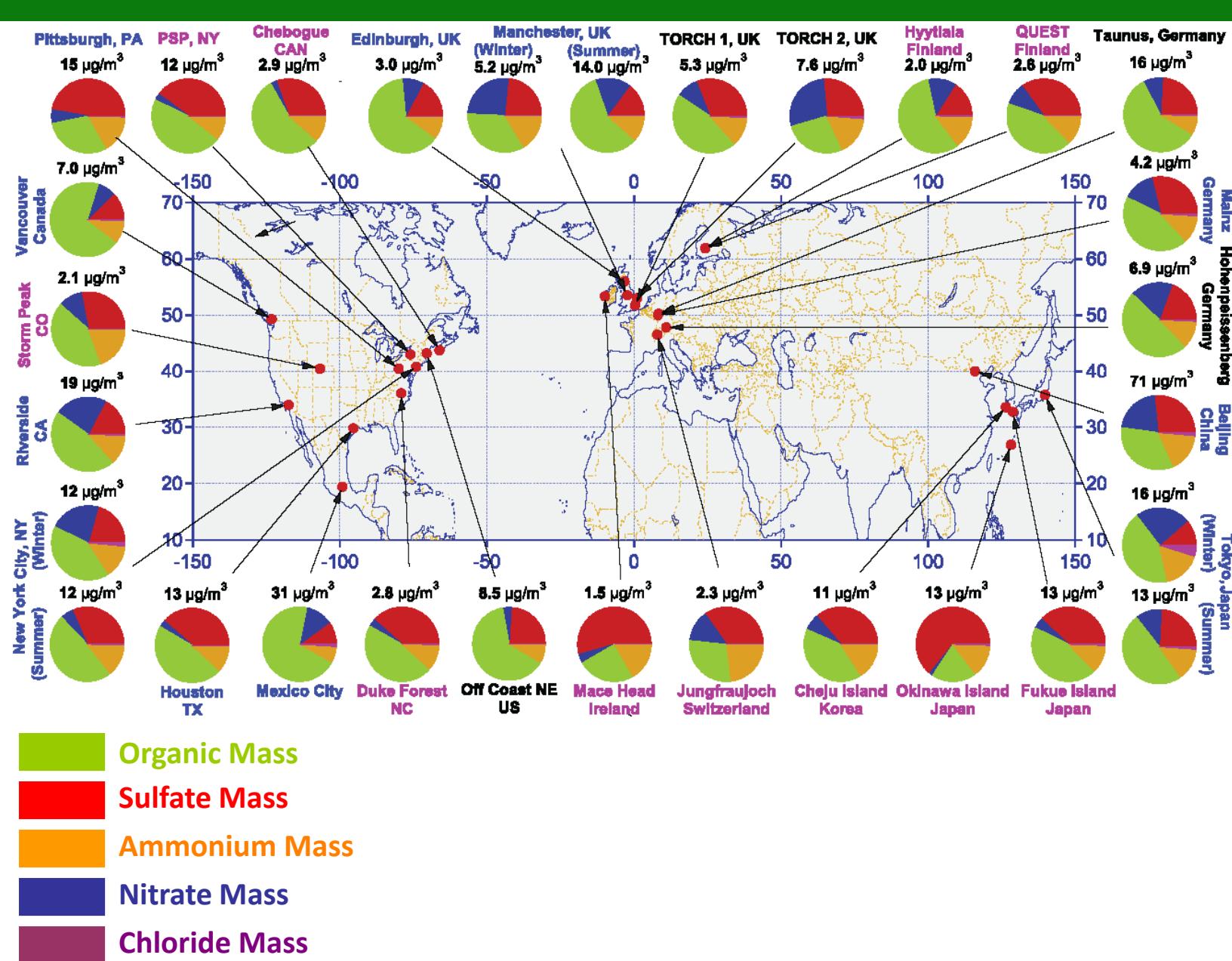


Global Aerosol Chemical Composition



Air Quality Studies of 710 Freeway

- Number of airborne particles downwind of 710 Freeway 25-30 times greater than upwind. (USC, UCLA study in 2002).
- Measurements next to 710 Freeway in Long Beach found 155,000 particles per cubic centimeter (2012). Normal level is about 5000.
- USC, UCLA, Calif. Air Resources Board study of particle levels next to L.A. freeways found nighttime air pollution impacts up to 1.5 miles away (2009).
- For reference: 710 Freeway
 - 1100 diesel trucks per hour (Caltrans, 2006)
 - up to 2600 in peak hours