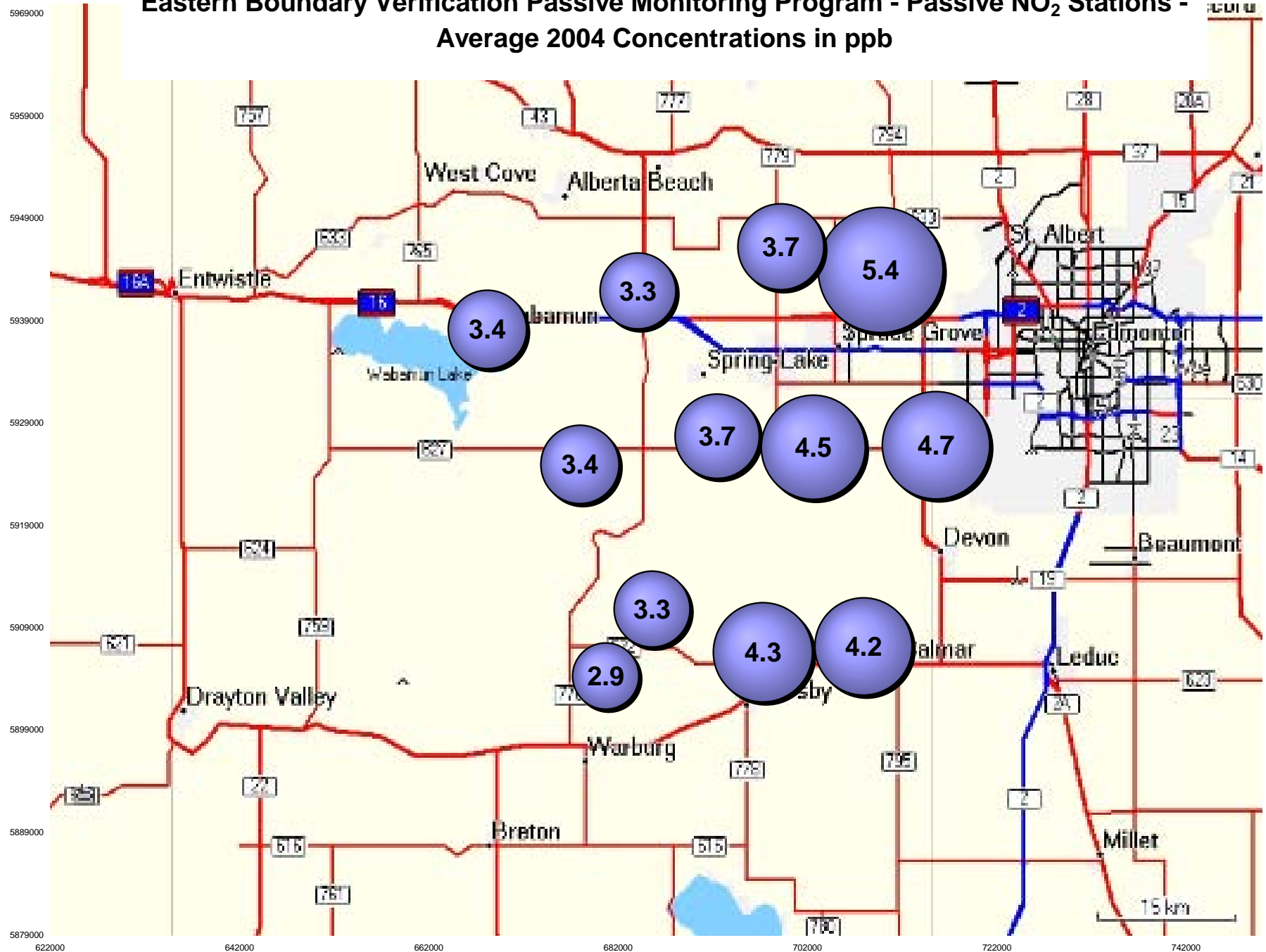


Ambient Air Monitoring Area Eastern Boundary Verification Passive Monitoring Program

The purpose of the Ambient Air Monitoring Area Eastern Boundary Verification Passive Monitoring Program is to document pollutant levels in a 'region' outside of the air monitoring area. This program was set up to verify the suitability of the eastern boundary ambient air monitoring area and to determine the downwind effects of the power plants towards the City of Edmonton.

The passive monitoring program includes data collected from a total of fifteen passive monitoring stations. A number of the sites collect data for more than one parameter. Of these, twelve sites collect ambient nitrogen dioxide (NO₂), and eight sites collect ozone (O₃). Samples are collected by West Central Airshed Society (WCAS) and are being analyzed monthly by Maxxam Analytics Inc.

Eastern Boundary Verification Passive Monitoring Program - Passive NO₂ Stations - Average 2004 Concentrations in ppb



Eastern Boundary Verification Passive Monitoring Program - Passive O₃ Stations - Average 2004 Concentrations in ppb

