**AirView\_DublinCity\_Measurements\_Metadata**

<https://data.smartdublin.ie/dataset/google-airview-data-dublin-city/resource/ea9ad286-3267-477a-96b1-70b4b2965a9e>

gps\_timestamp GPS Timestamp in UTC

latitude GPS position

longitude GPS position

NO\_ugm3 NO concentration in µg/m3

NO2\_ugm3 NO2 concentration in µg/m3

O3\_ugm3 O3 concentration in µg/m3

CO\_mgm3 CO concentration in mg/m3

CO2\_mgm3 CO2 concentration in mg/m3

PMch1\_perL PM channel 1 measurement in counts per litre

PMch2\_perL PM channel 2 measurement in counts per litre

PMch3\_perL PM channel 3 measurement in counts per litre

PMch4\_perL PM channel 4 measurement in counts per litre

PMch5\_perL PM channel 5 measurement in counts per litre

PMch6\_perL PM channel 6 measurement in counts per litre

PM25\_ugm3 PM2.5 concentration in µg/m3

Calculate NOx at reference condition given NO and NO2

<https://www.csagroupuk.org/wp-content/uploads/2015/05/TE4-Example-Calculations.pdf>

<https://www.aeroqual.com/blog/meet-the-nitrogen-oxide-family>

<https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/290985/scho0907bnhi-e-e.pdf>

<file:///Users/joycechen/Downloads/sop-nox-2016.pdf>

<https://ww2.arb.ca.gov/resources/nitrogen-dioxide-and-health>

<https://link.springer.com/article/10.1007/s11869-022-01168-1>

<https://www.epa.nsw.gov.au/~/media/EPA/Corporate%20Site/resources/air/no2-assessment-methodology.ashx>

<https://pubmed.ncbi.nlm.nih.gov/15649079/#:~:text=This%20sensor%20utilizes%20cavity%20attenuated,by%20two%20high%2Dreflectivity%20mirrors>.