

Conversely, the contributions at a given receptor such as Muskoka can be seen by reading down the column headed "Muskoka".

A comparison of the predictions of the two Canadian models shows that, whilst they agree reasonably well with each other, the AES model generally predicts larger values than the OME model for the absolute values and the emission-normalized values in Tables A8-1 through A8-10.

Comparison of matrix outputs with each other and observations

Each of the models discussed in this Chapter has been compared with observations as described in Appendix 5. But, since the observations consist only of the deposition or ambient concentration at a monitoring station due to all sources, there is no way that each of the contributions in the matrices can be directly verified. However, the total contribution of all sources at each receptor predicted by the models can be compared with the observations. If these do not agree, then clearly there is no justification for using the models further. If the predicted and observed depositions do agree reasonably well, then in the absence of any evidence to the contrary, it can be assumed that the individual contributions in the matrices will probably also be realistic.