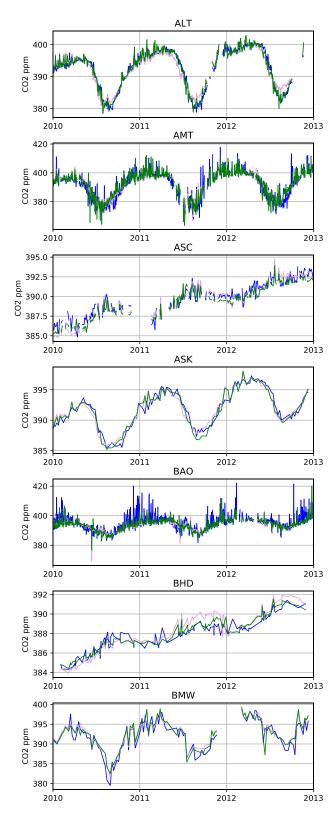
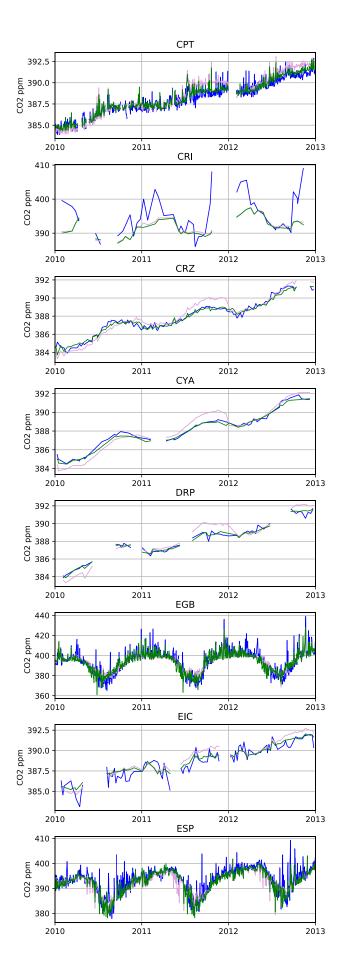
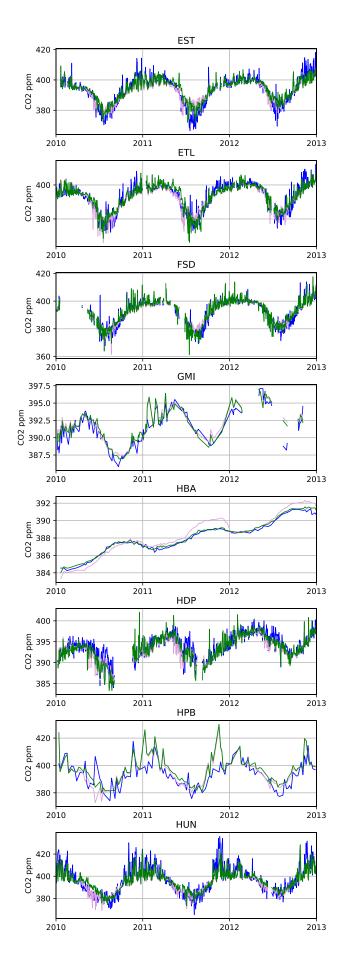
Supplementary information for acp-2020-251 "Technical note: High resolution inverse modelling technique for estimating surface CO_2 fluxes based on coupled NIES-TM - Flexpart transport model and its adjoint", by S. Maksyutov and coauthors. Part 1.

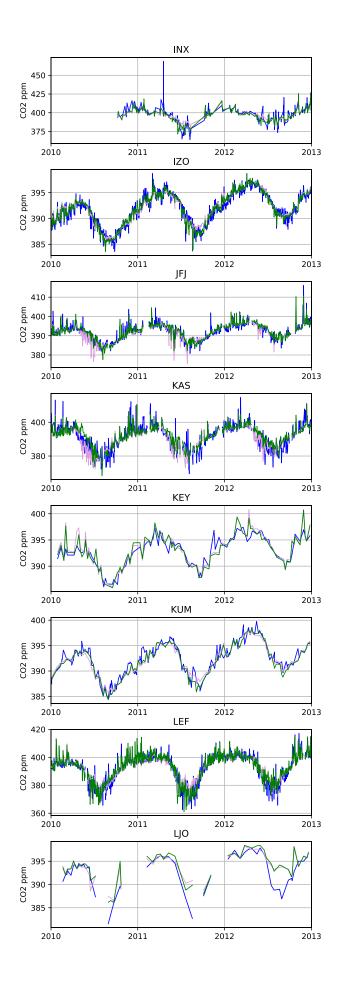


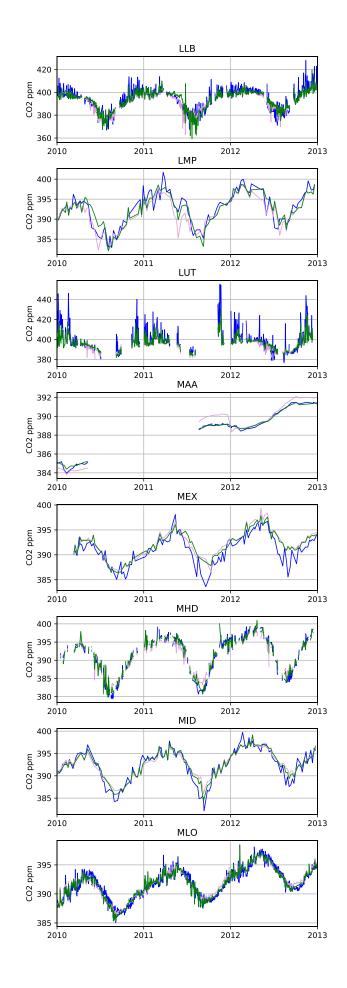
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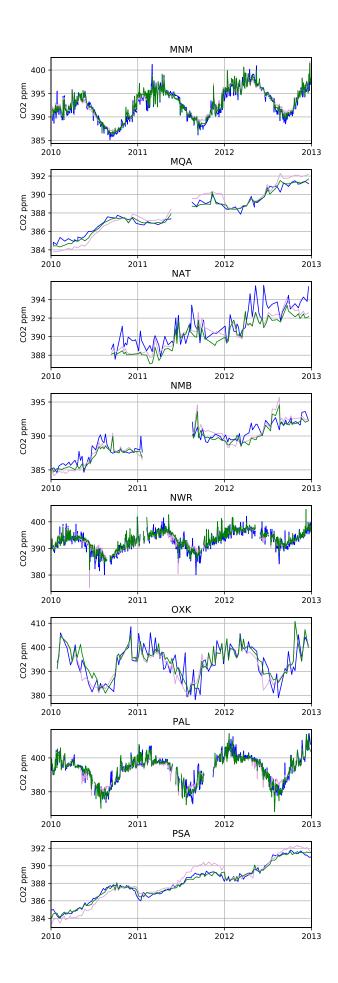
1. Time series plots for monitoring sites used in inversion (blue - observed, plum - forward, green - optimized)

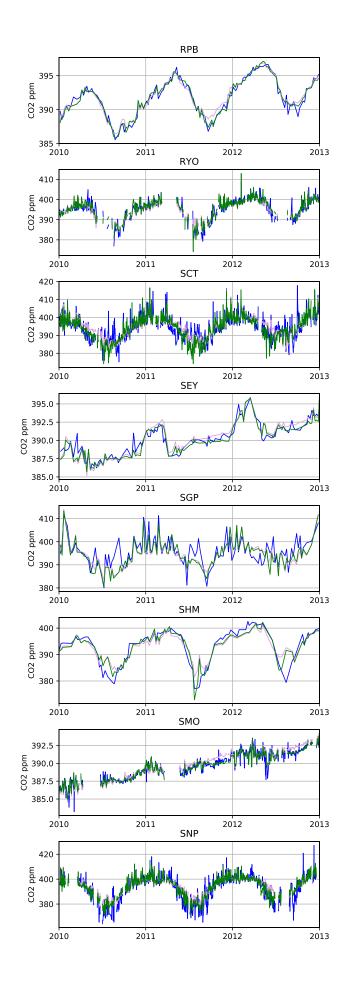


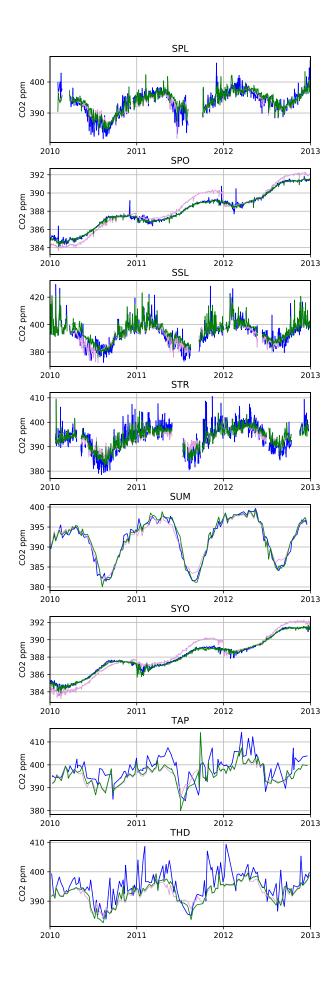


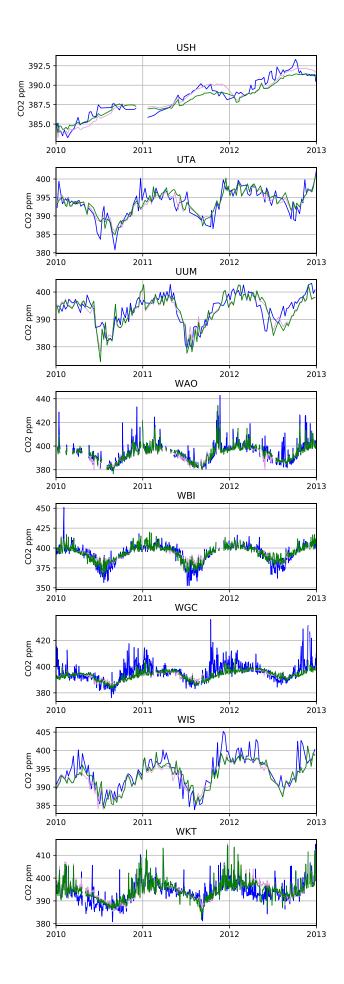


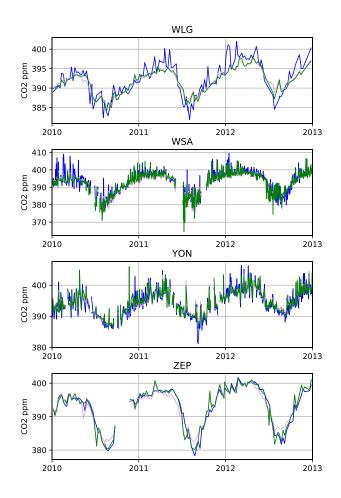












Supplementary information for acp-2020-251 "Technical note: High resolution inverse modelling technique for estimating surface CO_2 fluxes based on coupled NIES-TM - Flexpart transport model and its adjoint", by S. Maksyutov and coauthors. Part 2.

2. Time series plots for aircraft data and model simulations used in validation (blue – observed, plum – forward, green – optimized)

