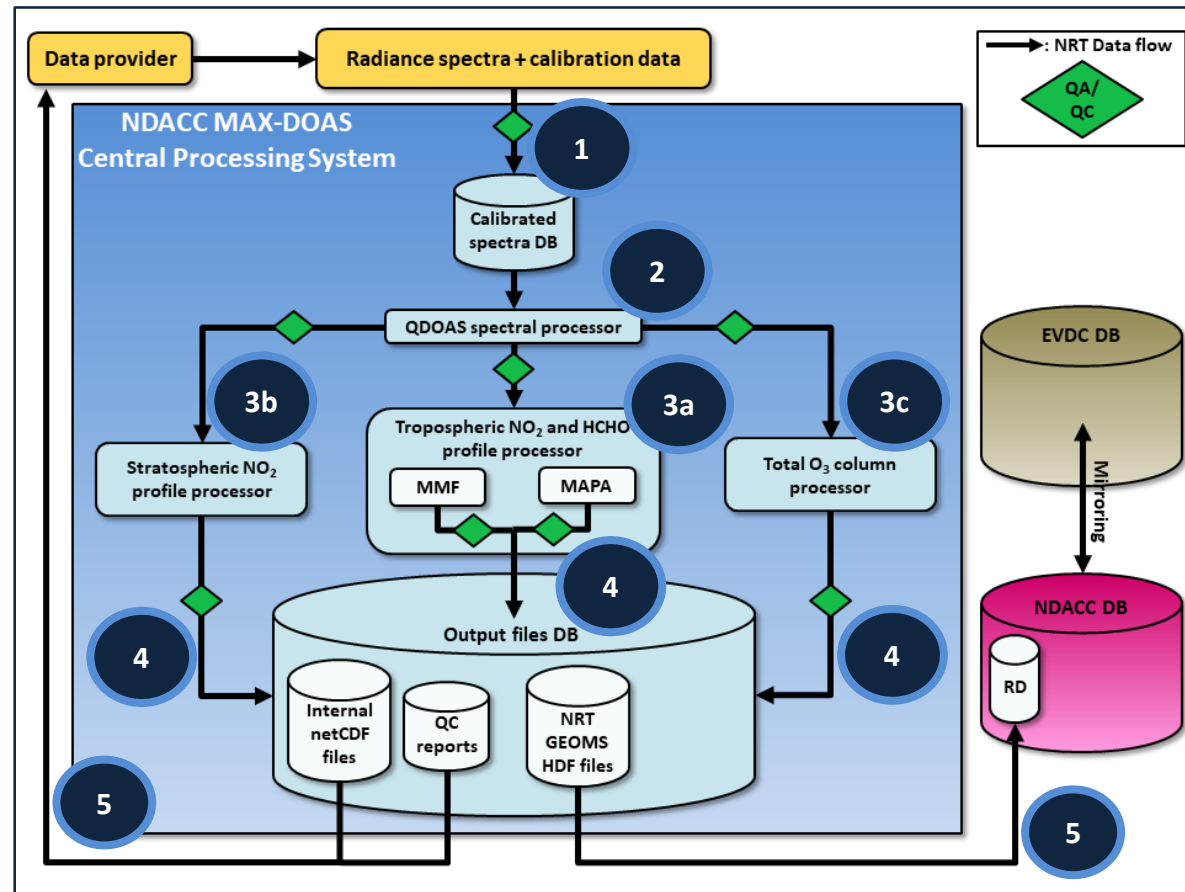


NDACC MAX-DOAS Service

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- 1 Uploading of spectrally calibrated radiance spectra files
- 2 DOAS analysis
- 3 Level-2 products retrievals:
 - 3a Lower tropospheric NO₂, HCHO, and aerosol vertical profiles (MMF and MAPA profiling algorithms)
 - 3b Stratospheric NO₂ vertical profiles (BIRA-IASB OEM-based profiling algorithm)
 - 3c Total O₃ columns (standard AMF-based NDACC approach)
- 4 Creation of level-2 output files (netCDF and GEOMS HDF4)
- 5 Submission of GEOMS HDF4 files on NDACC/RD and EVDC; Delivery of netCDF files to instrument PIs



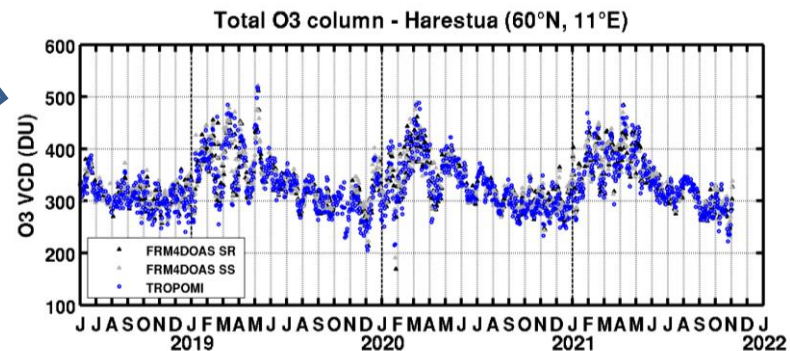
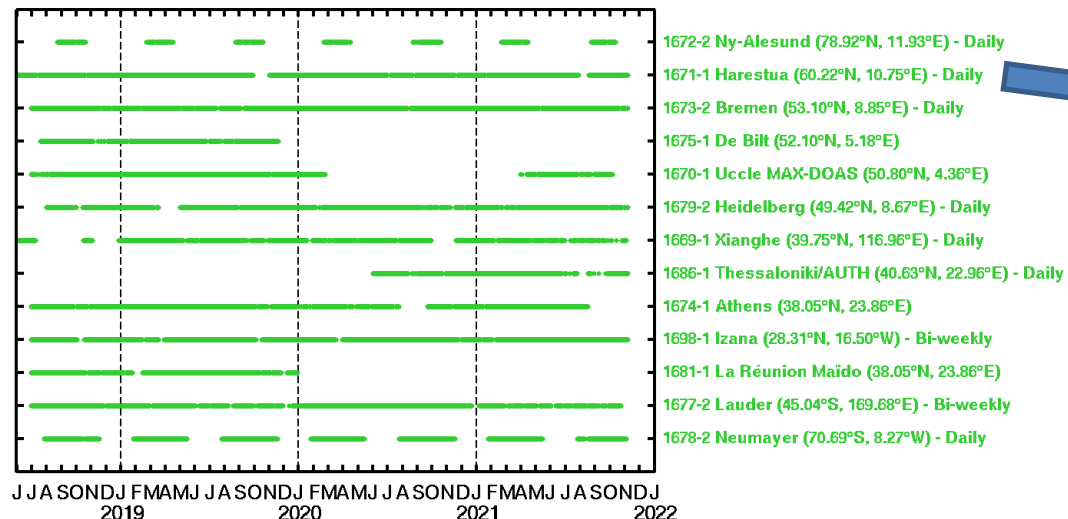
NDACC MAX-DOAS Service

Readiness (Nov. 2021)

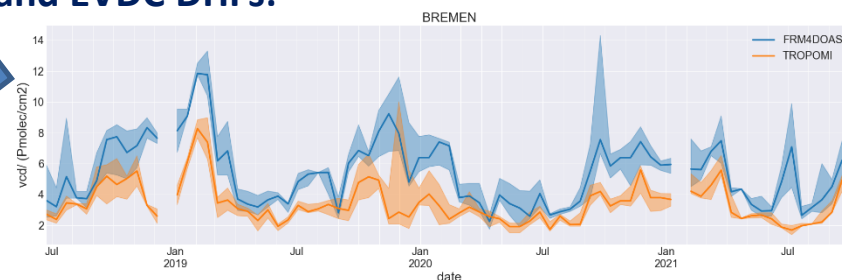
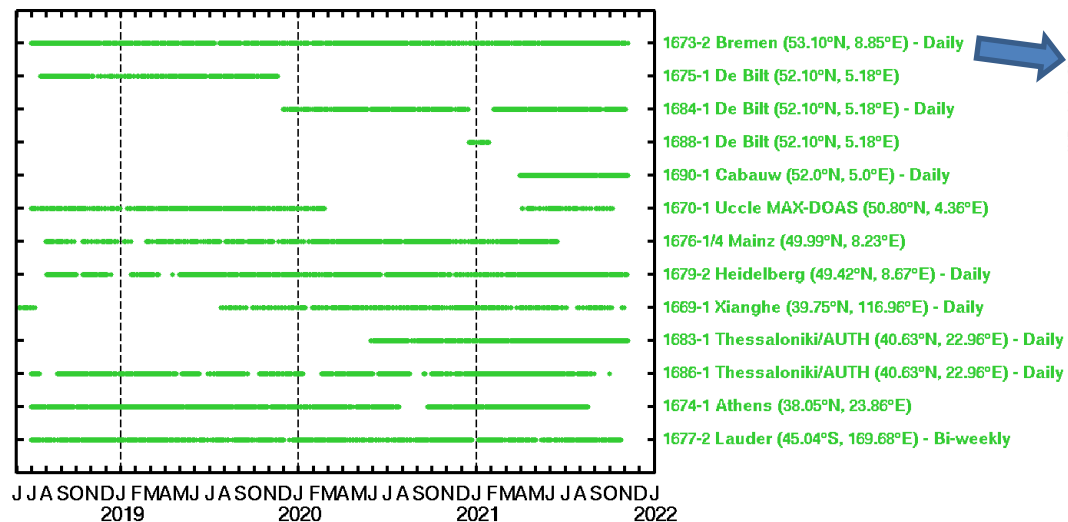


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Total O₃ column data sets on NDACC/RD and EVDC DHFs:



Tropospheric NO₂ VCD and profile data sets on NDACC/RD and EVDC DHFs:



New/consolidated products foreseen as part of the FRM₄DOAS-2.0 project (2021-2025):
 stratospheric NO₂ profiles, cloud product, tropospheric aerosol, urban tropospheric NO₂