

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20120106.html](#) for a detailed report).

2.1. General Info

- [2.1.1 Report summary](#)
- [2.1.2 Summary per product](#)

2.2 Processing performance indicators

- [2.2.1 Successful retrievals](#)
- [2.2.2 Pressure overview](#)
- [2.2.3 Temperature overview](#)
- [2.2.4 Species overview](#)
- [2.2.5 History of daily averages](#)

2.1 General Info

This report contains a daily analysis on parameters extracted from MIPAS level 2 data (The MIP_NL__2P product).

2.1.1 Report summary

The table below shows general characteristics of the data that are included into this report.

Item	Value
Report version	v1.11 26-05-2015
Time of report generation	20MAY2016 08:48:14
Data source version	ML2PP/7.03-W
Processing scope for products	06JAN2012 00:00:00 to 07JAN2012 00:00:00
Start time of first product within scope	05JAN2012 22:55:31
Stop time of last product within scope	07JAN2012 01:38:41
Total number of level 2 products	16
Number of level 2 products with errors	0

2.1.2 Summary per product

The following table shows a summary for each product used in this report.

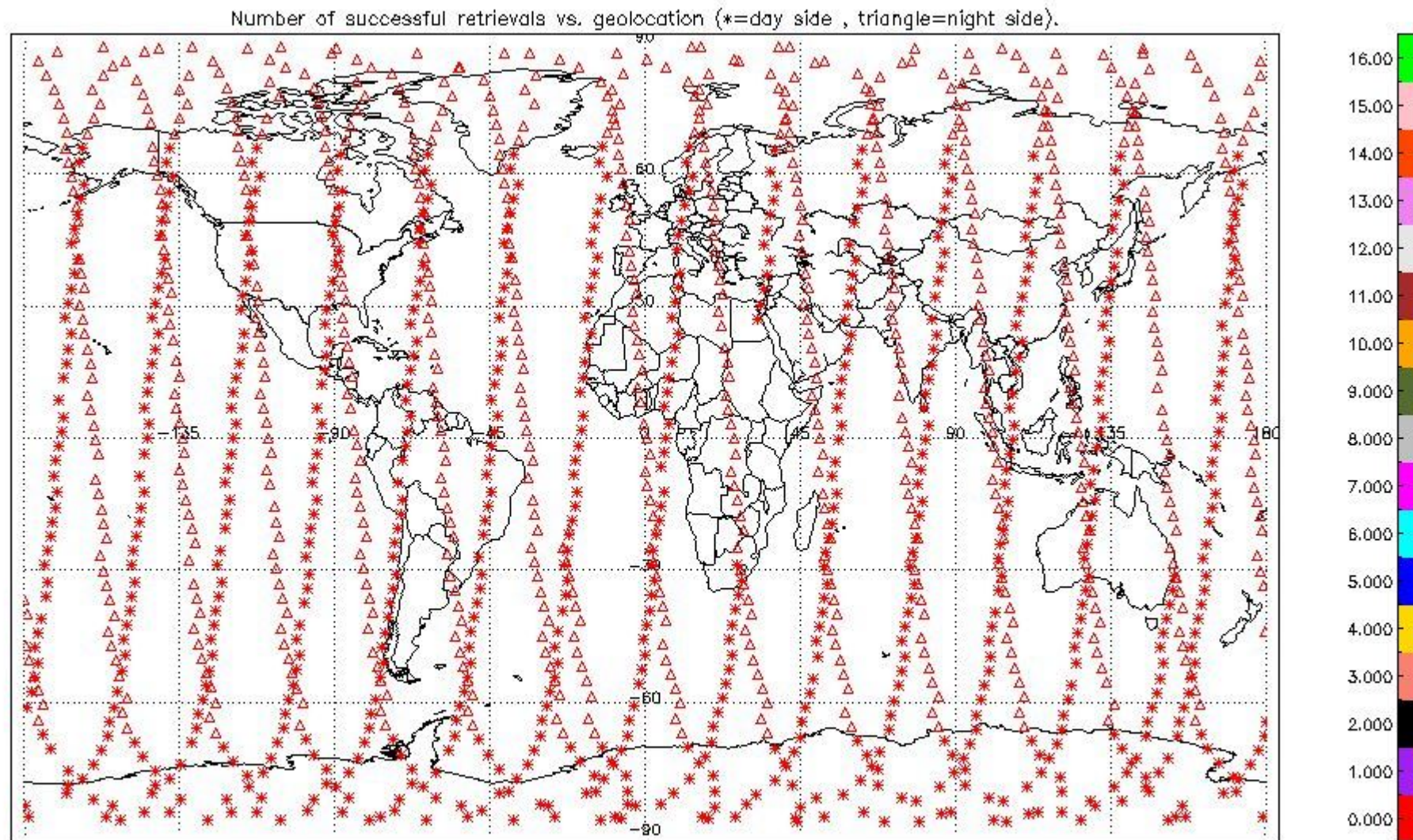
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20120105_225531_000060083110_00217_51524_1000.N1	05JAN2012 22:55:31	06JAN2012 00:35:39	0	103/103	
1	MIP_NL__2PWDSI20120106_003545_000059813110_00218_51525_1000.N1	06JAN2012 00:35:45	06JAN2012 02:15:26	0	102/102	
2	MIP_NL__2PWDSI20120106_021532_000060083110_00219_51526_1000.N1	06JAN2012 02:15:32	06JAN2012 03:55:40	0	103/103	
3	MIP_NL__2PWDSI20120106_035547_000060083110_00220_51527_1000.N1	06JAN2012 03:55:47	06JAN2012 05:35:55	0	103/103	
4	MIP_NL__2PWDSI20120106_053601_000059813110_00221_51528_1000.N1	06JAN2012 05:36:01	06JAN2012 07:15:42	0	102/102	
5	MIP_NL__2PWDSI20120106_071548_000060263110_00222_51529_1000.N1	06JAN2012 07:15:48	06JAN2012 08:56:14	0	89/89	
6	MIP_NL__2PWDSI20120106_085621_000060083110_00223_51530_1000.N1	06JAN2012 08:56:21	06JAN2012 10:36:29	0	103/103	
7	MIP_NL__2PWDSI20120106_103704_000060083110_00224_51531_1000.N1	06JAN2012 10:37:04	06JAN2012 12:17:12	0	103/103	
8	MIP_NL__2PWDSI20120106_121718_000060083110_00225_51532_1000.N1	06JAN2012 12:17:18	06JAN2012 13:57:26	0	103/103	
9	MIP_NL__2PWDSI20120106_135732_000059513110_00226_51533_1000.N1	06JAN2012 13:57:32	06JAN2012 15:36:44	0	102/102	
10	MIP_NL__2PWDSI20120106_153719_000060083110_00227_51534_1000.N1	06JAN2012 15:37:19	06JAN2012 17:17:27	0	103/103	
11	MIP_NL__2PWDSI20120106_171733_000060083110_00228_51535_1000.N1	06JAN2012 17:17:33	06JAN2012 18:57:41	0	103/103	
12	MIP_NL__2PWDSI20120106_185748_000060373110_00229_51536_1000.N1	06JAN2012 18:57:48	06JAN2012 20:38:25	0	103/103	
13	MIP_NL__2PWDSI20120106_203831_000060083110_00230_51537_1000.N1	06JAN2012 20:38:31	06JAN2012 22:18:39	0	103/103	
14	MIP_NL__2PWDSI20120106_221845_000060083110_00231_51538_1000.N1	06JAN2012 22:18:45	06JAN2012 23:58:53	0	103/103	
15	MIP_NL__2PWDSI20120106_235900_000059813110_00232_51539_1000.N1	06JAN2012 23:59:00	07JAN2012 01:38:41	0	102/102	

2.2 Processing performance indicators

2.2.1 Successful retrievals

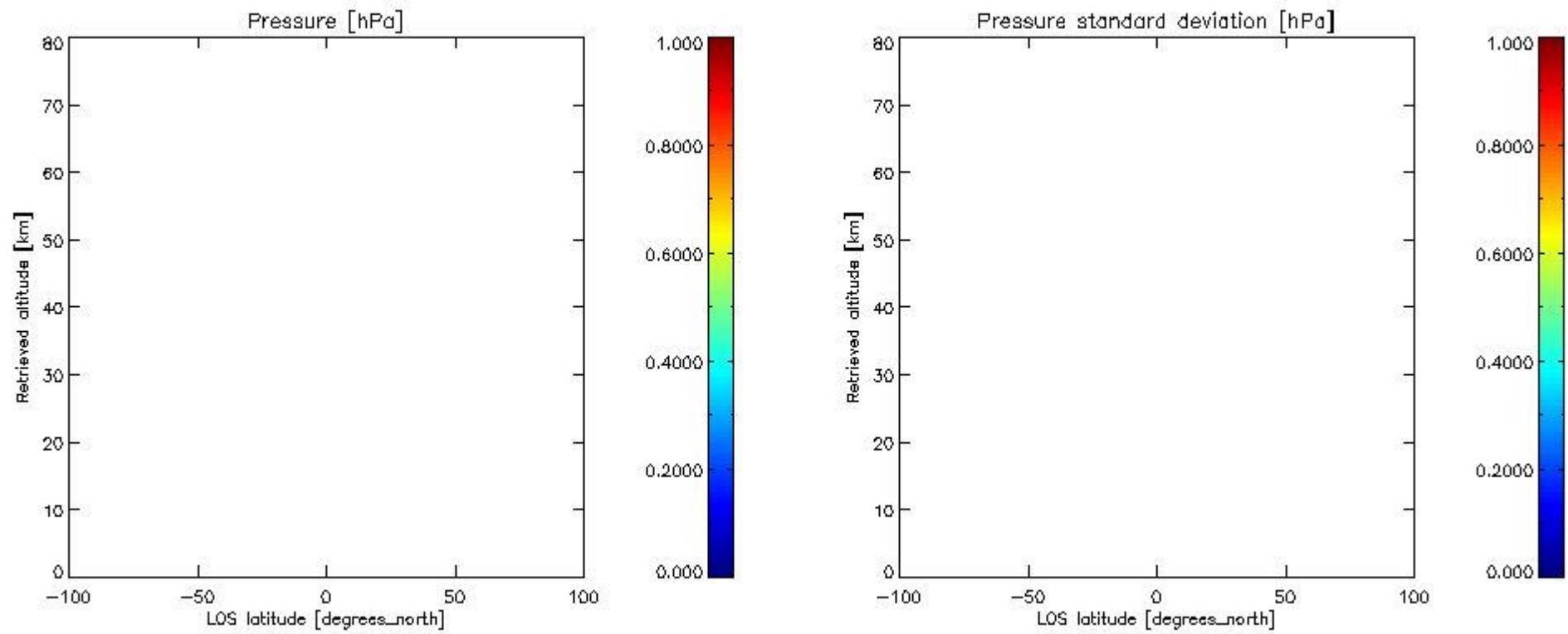
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1630	0	0.0000
H2O	1630	0	0.0000
O3	1630	0	0.0000
HNO3	1630	0	0.0000
CH4	1630	0	0.0000
N2O	1630	0	0.0000
NO2	1630	0	0.0000
F11	1630	0	0.0000
CLNO	1630	0	0.0000
N2O5	1630	0	0.0000
F12	1630	0	0.0000
COF2	1630	0	0.0000
CCL4	1630	0	0.0000
HCN	1630	0	0.0000
F14	1630	0	0.0000
F22	1630	0	0.0000



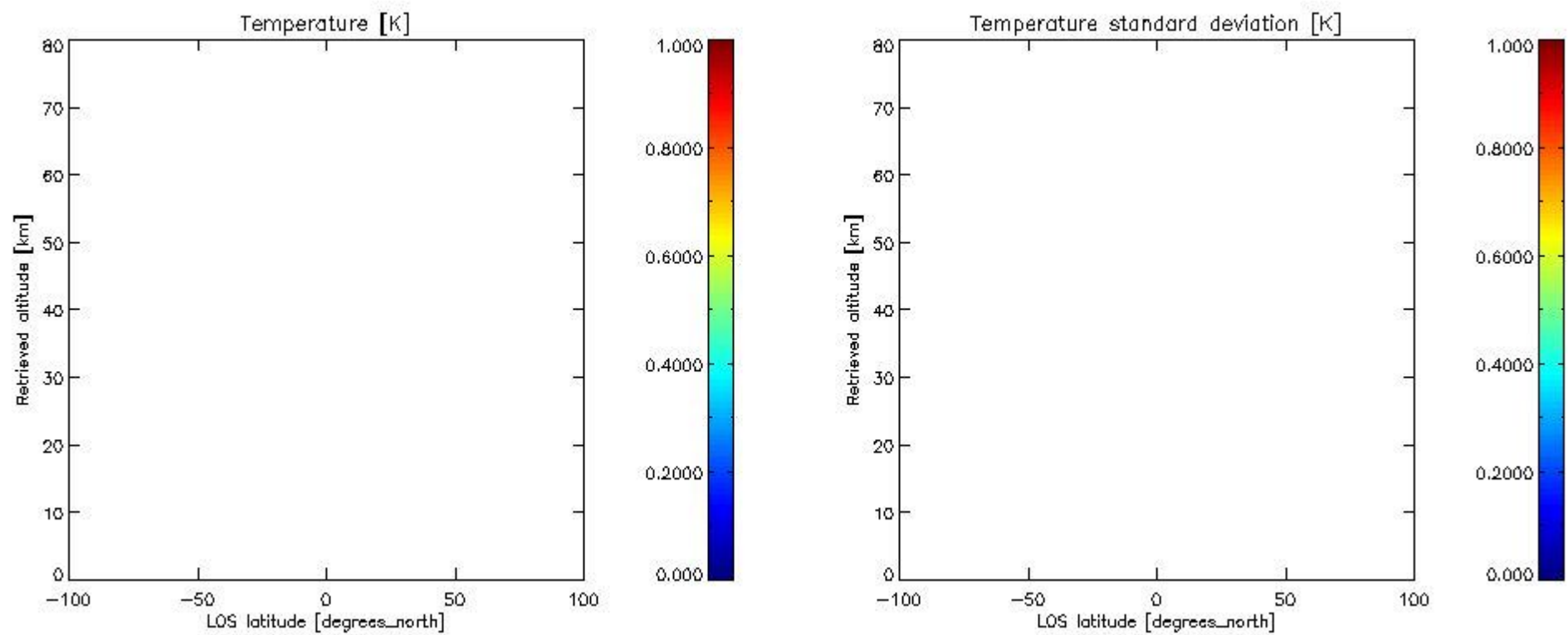
2.2.2 Pressure overview

This section shows values (left) and error (right) for pressure after binning individual sweep values over retrieved altitude and tangent latitude.



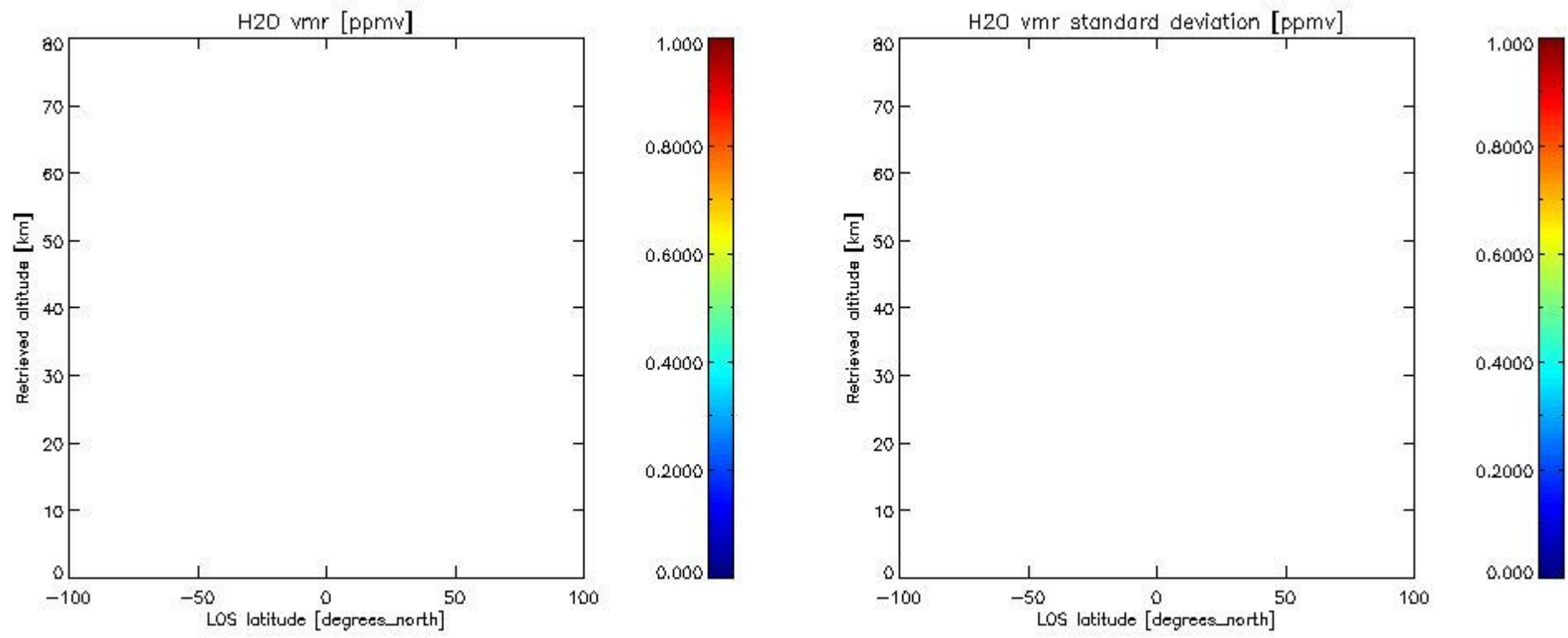
2.2.3 Temperature overview

This section shows values (left) and error (right) for temperature after binning individual sweep values over retrieved altitude and tangent latitude.

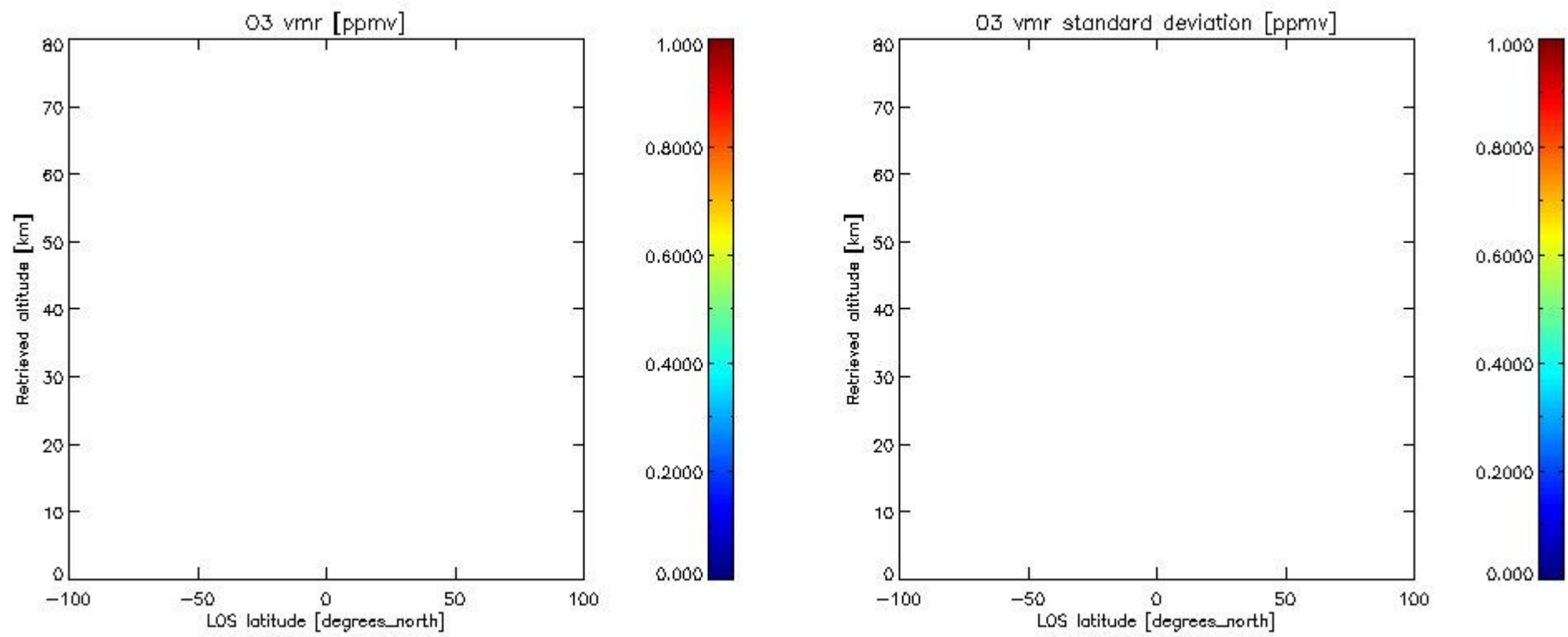


2.2.4 Species overview

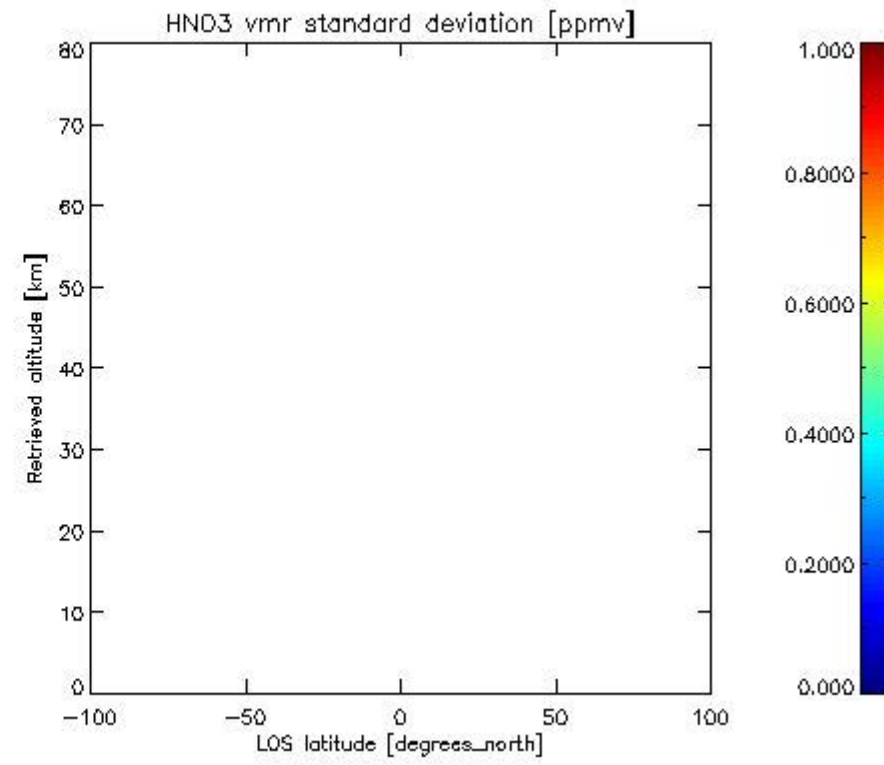
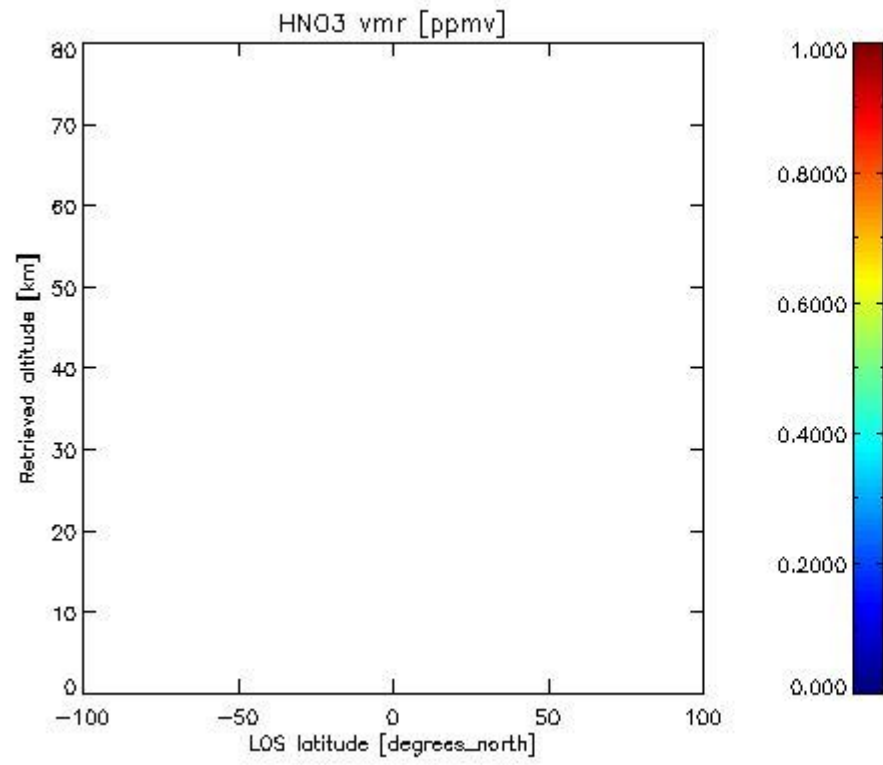
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



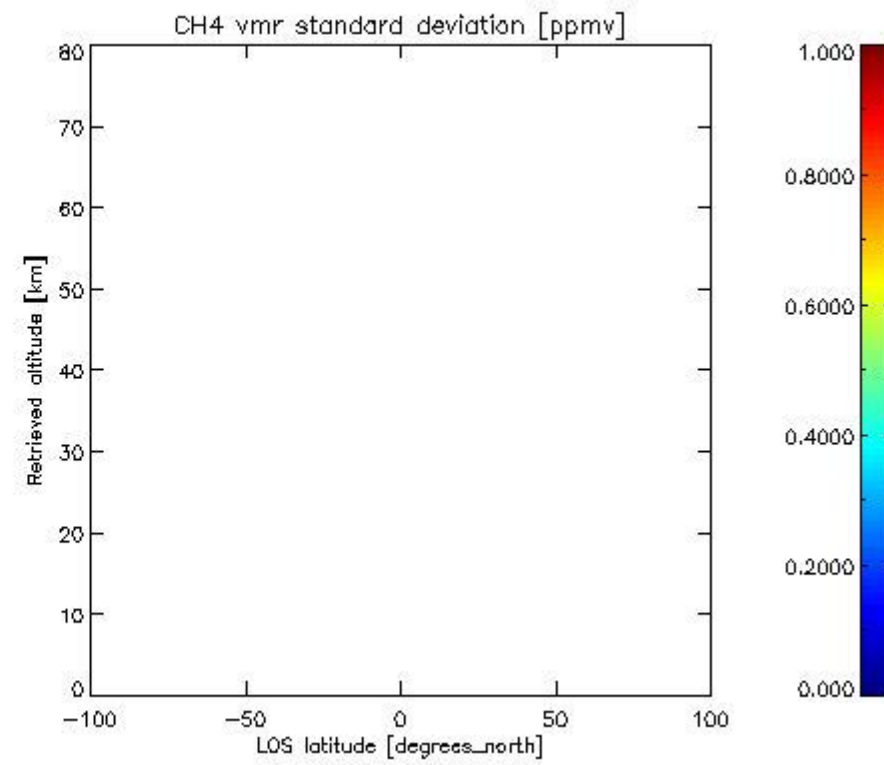
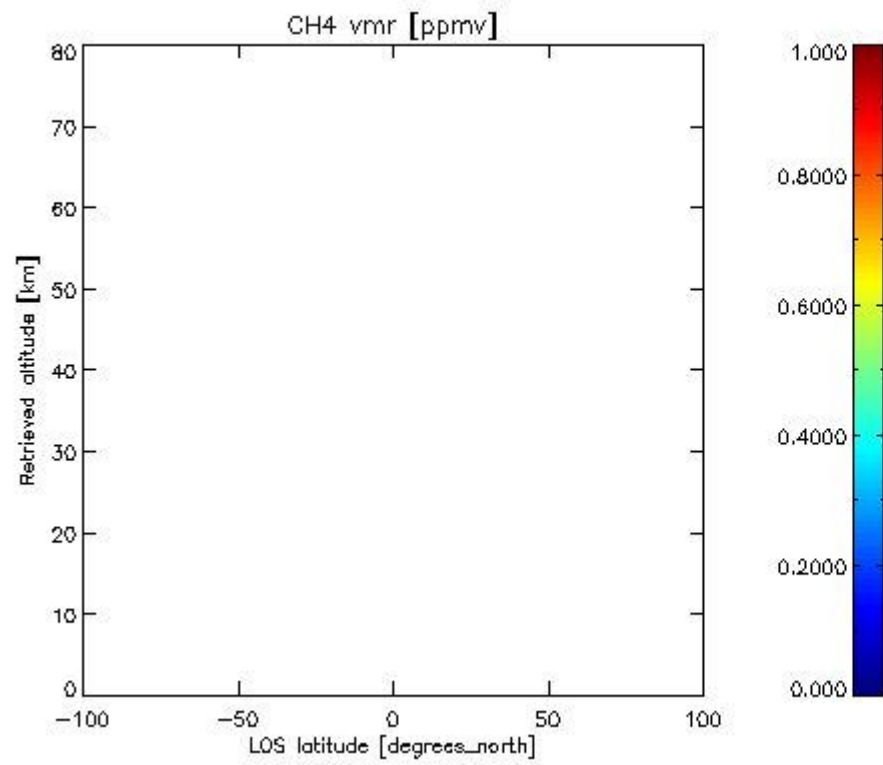
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



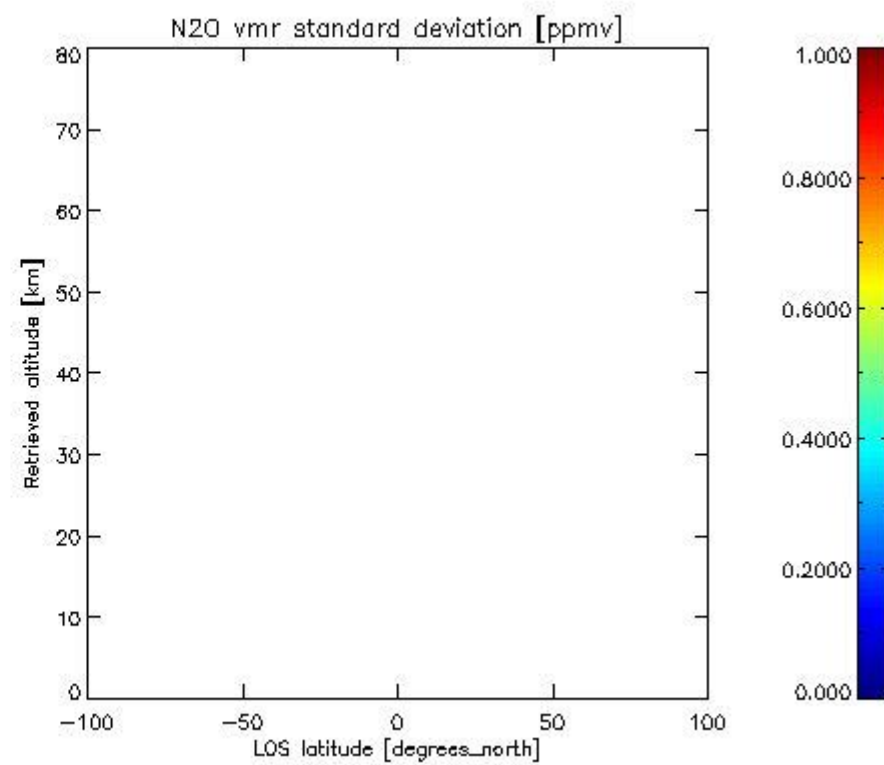
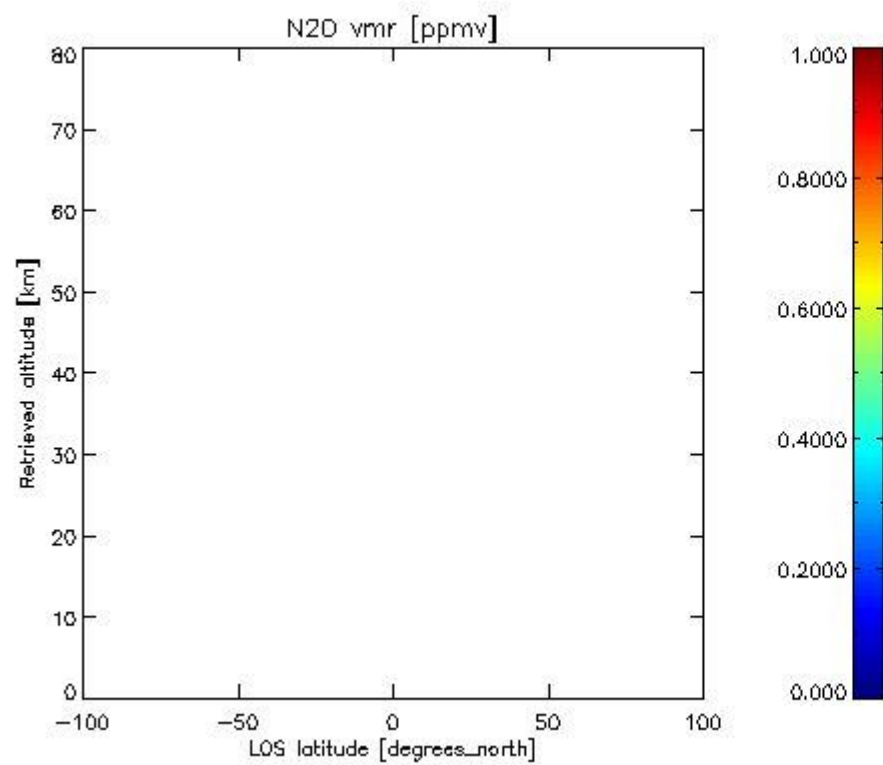
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



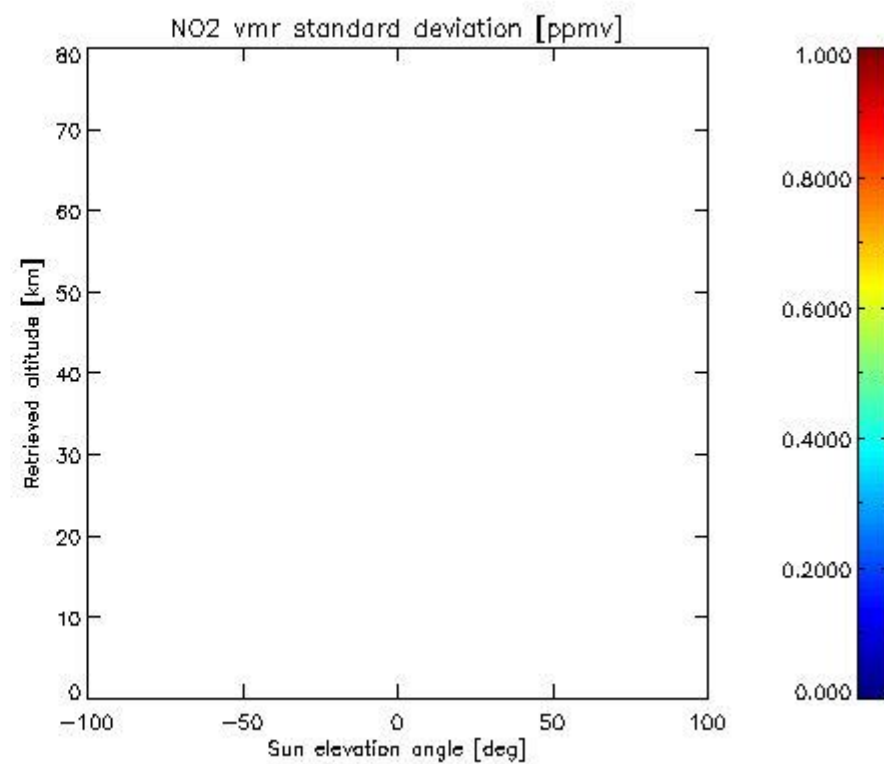
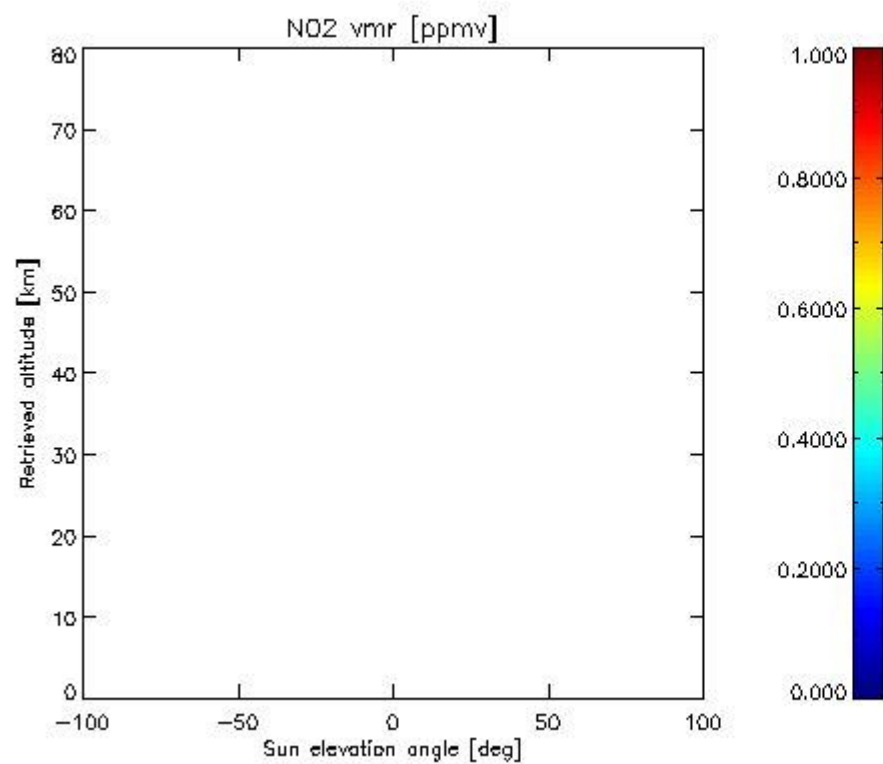
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



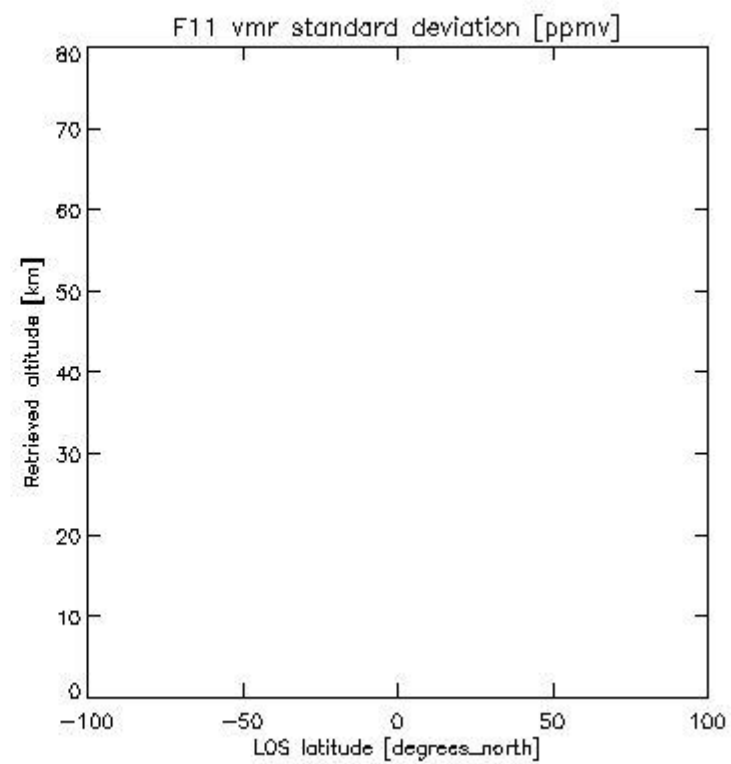
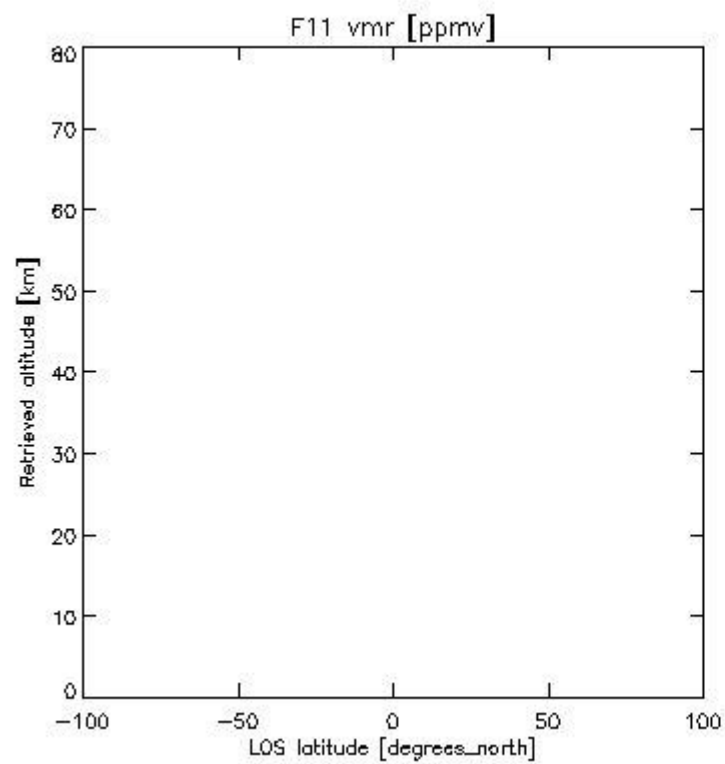
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



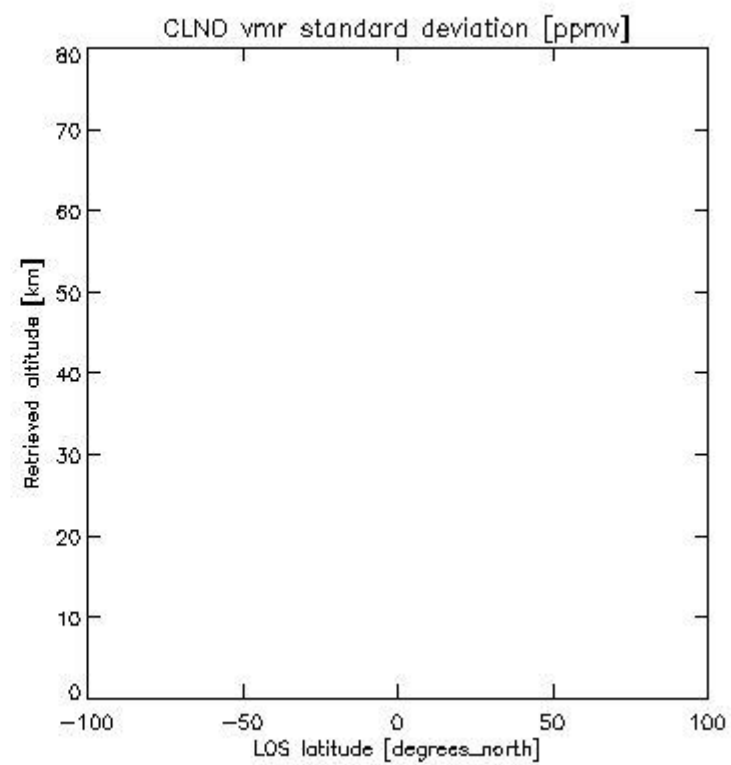
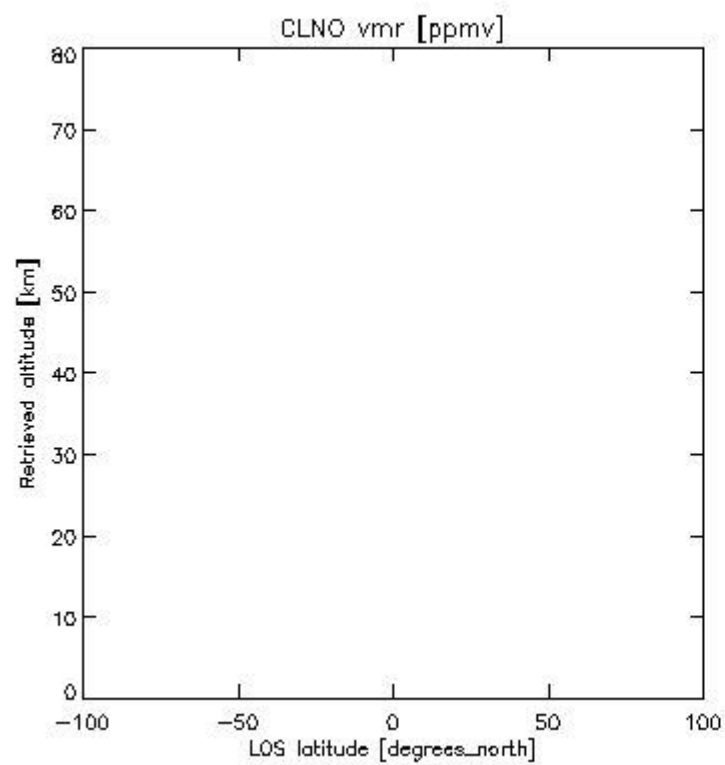
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

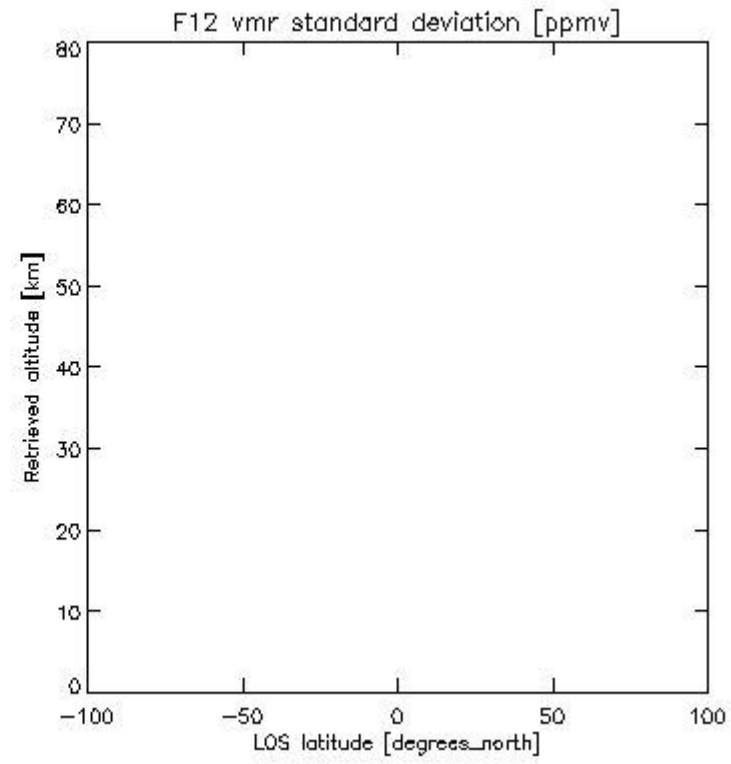
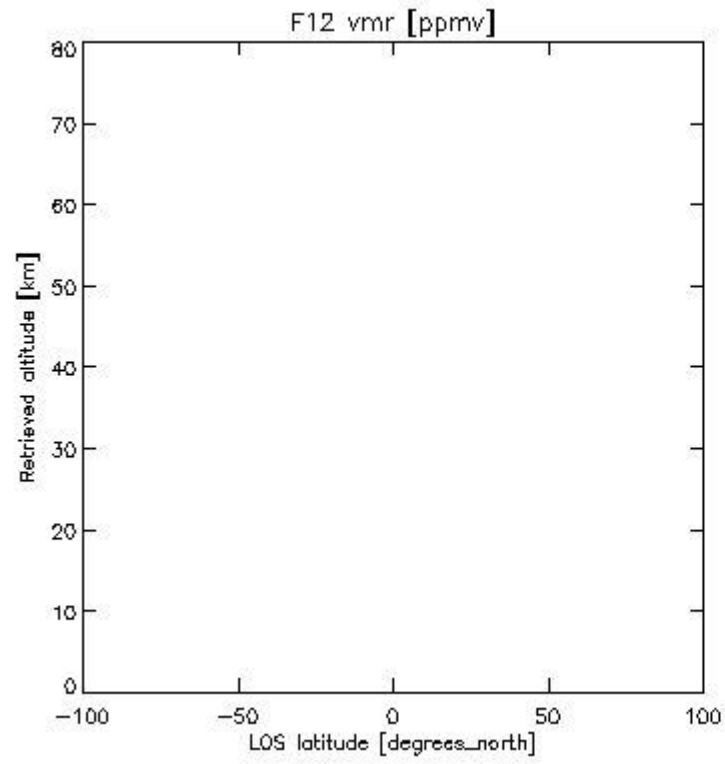
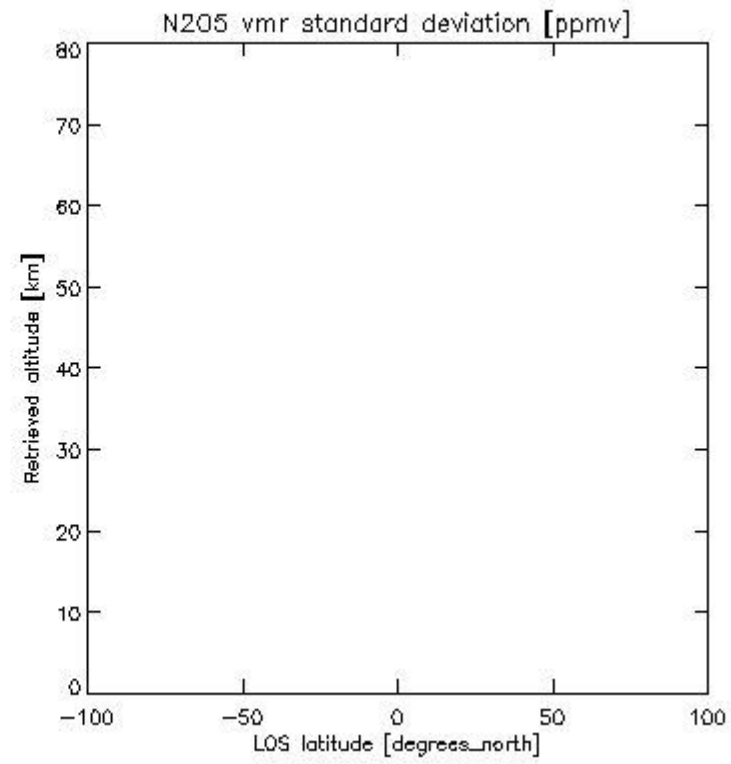
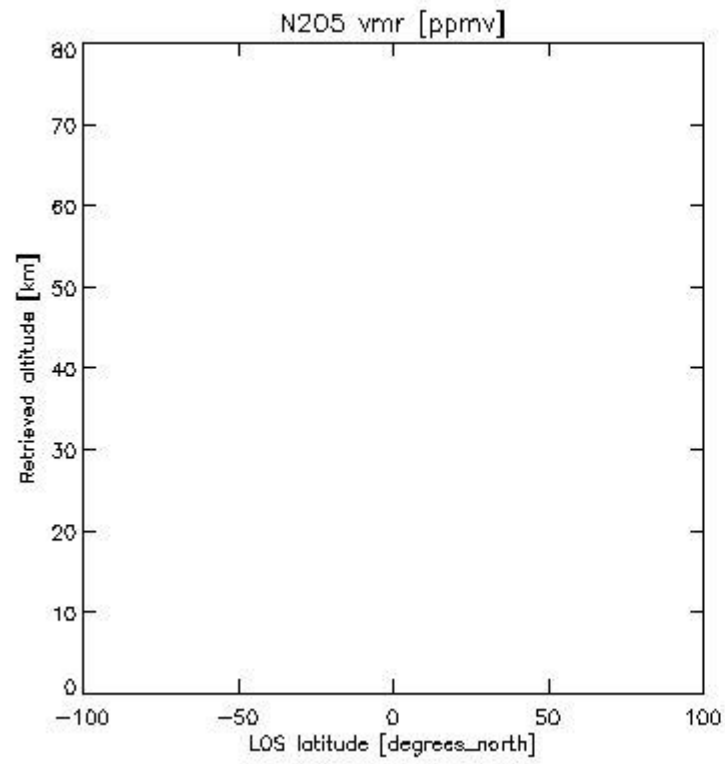


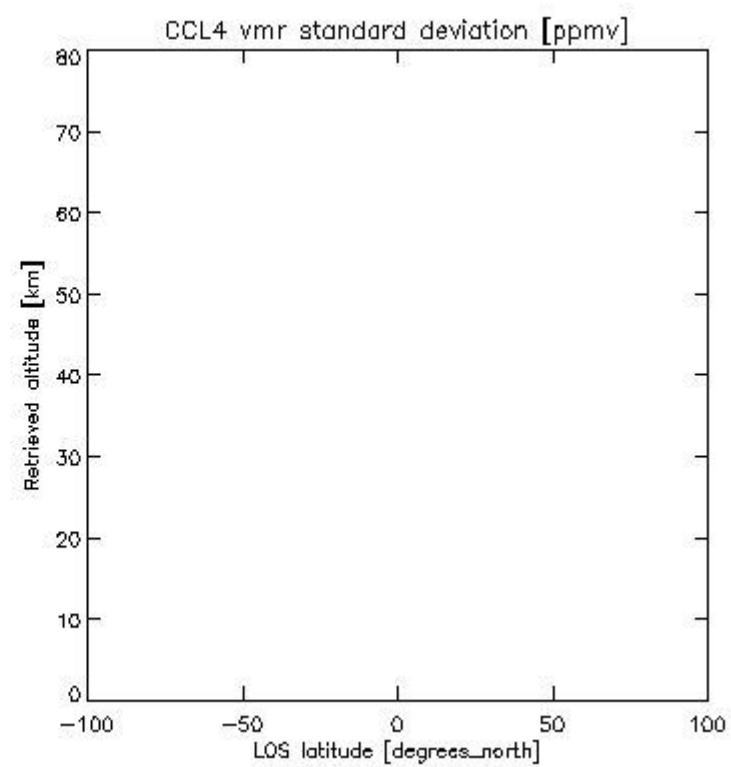
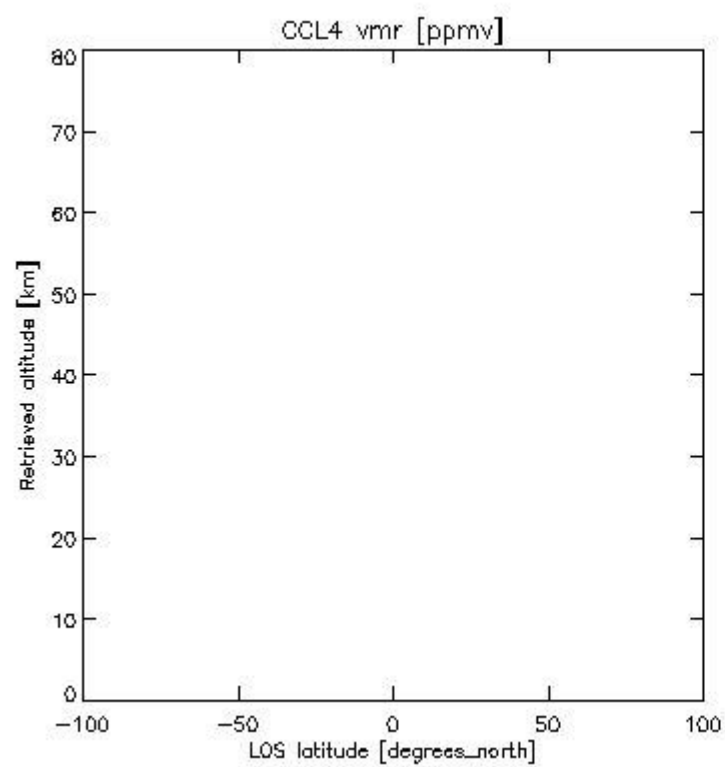
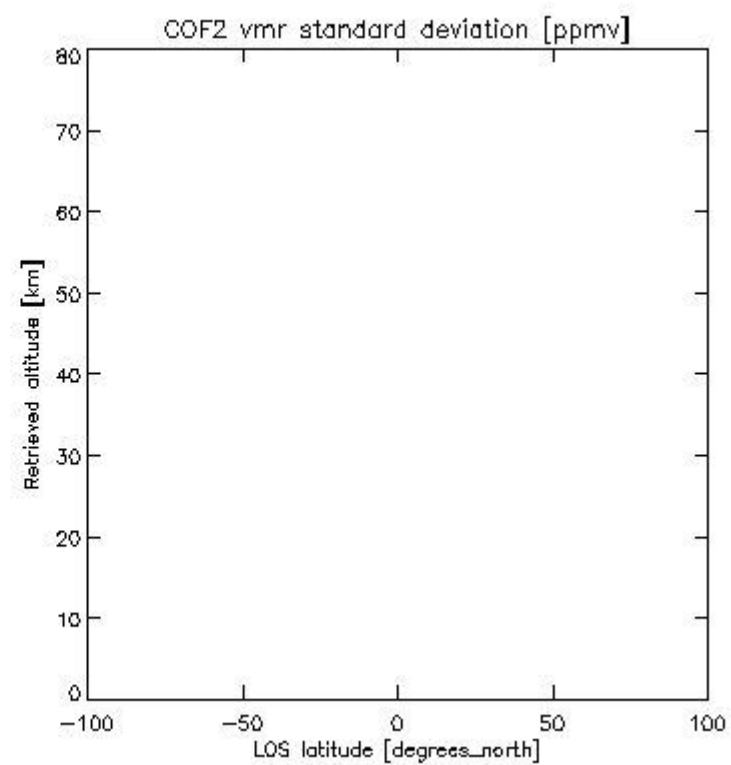
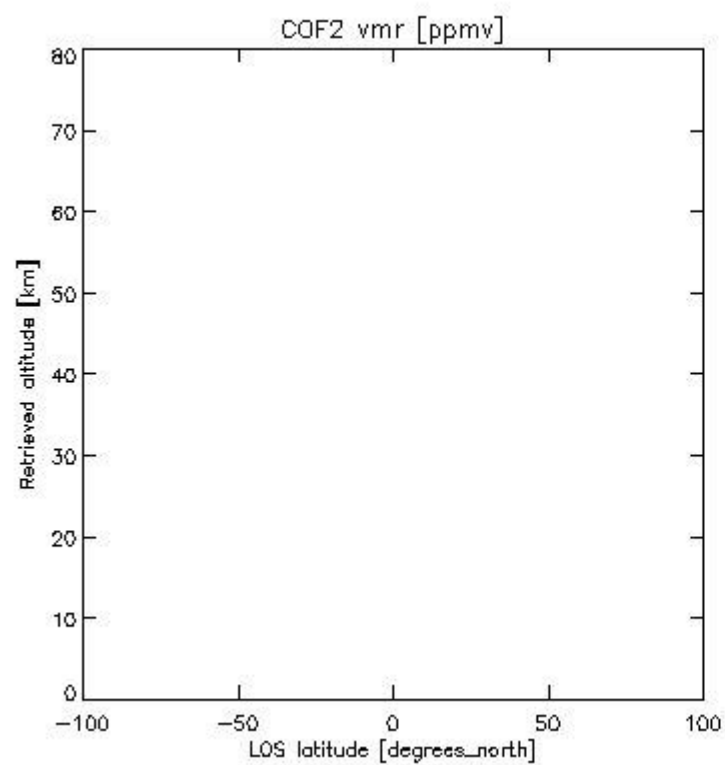
2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

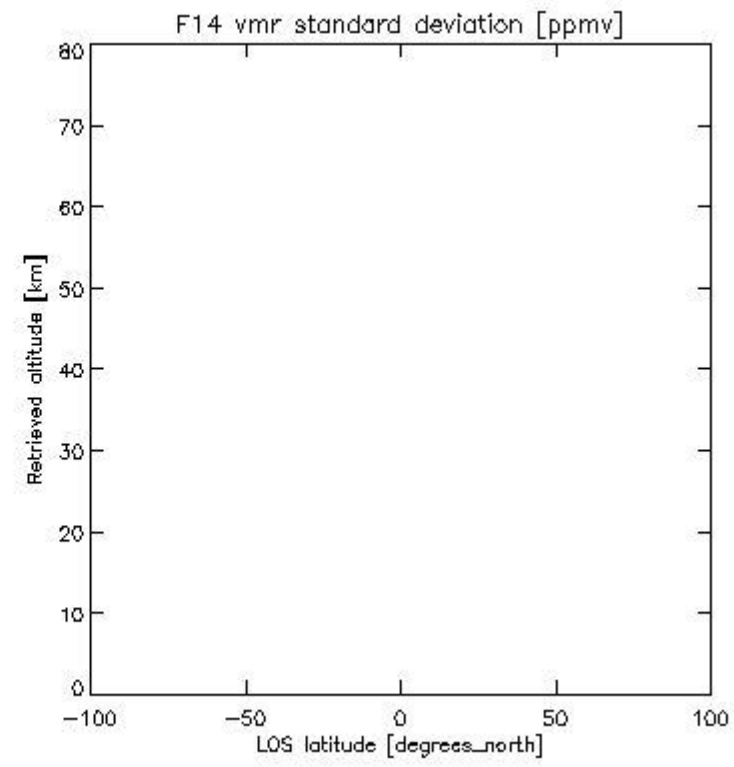
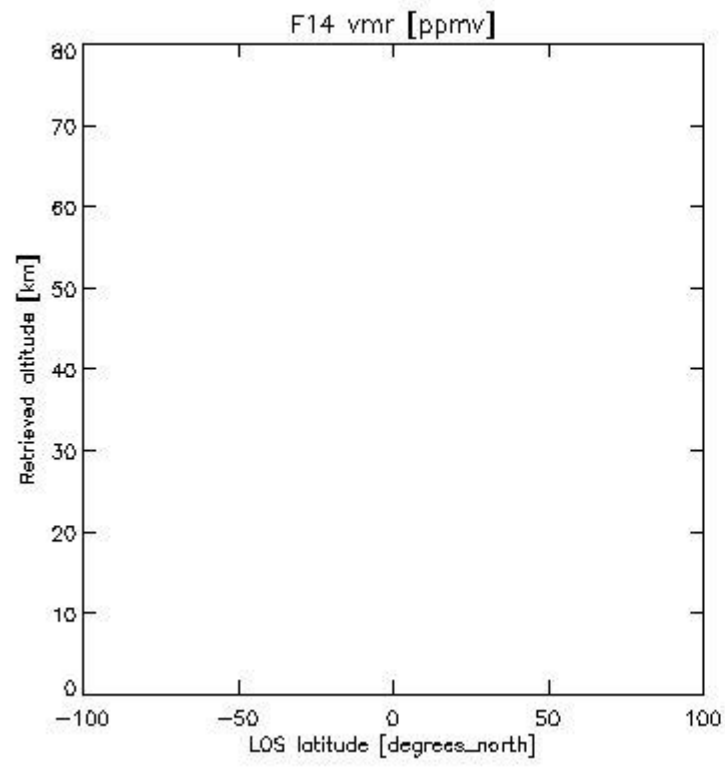
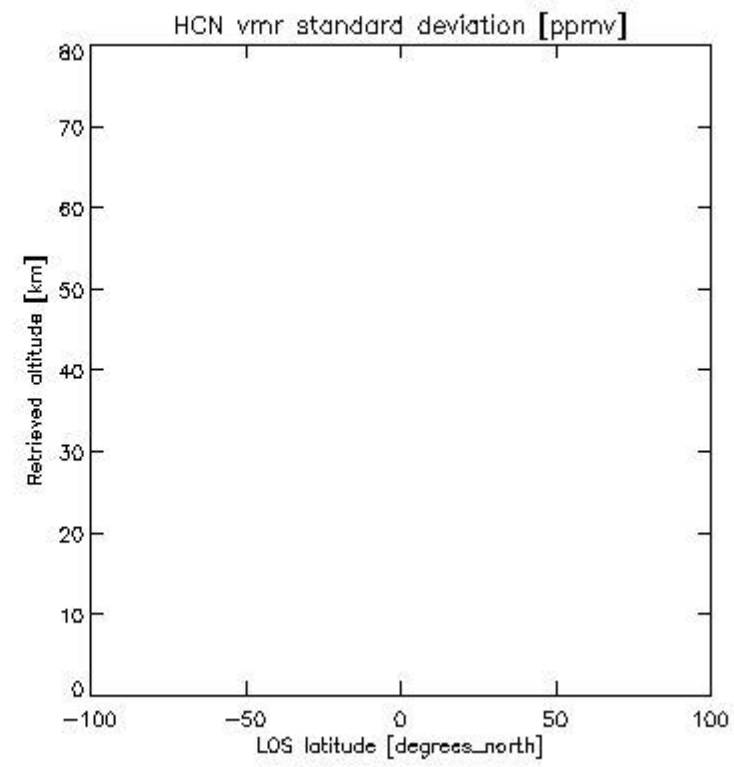
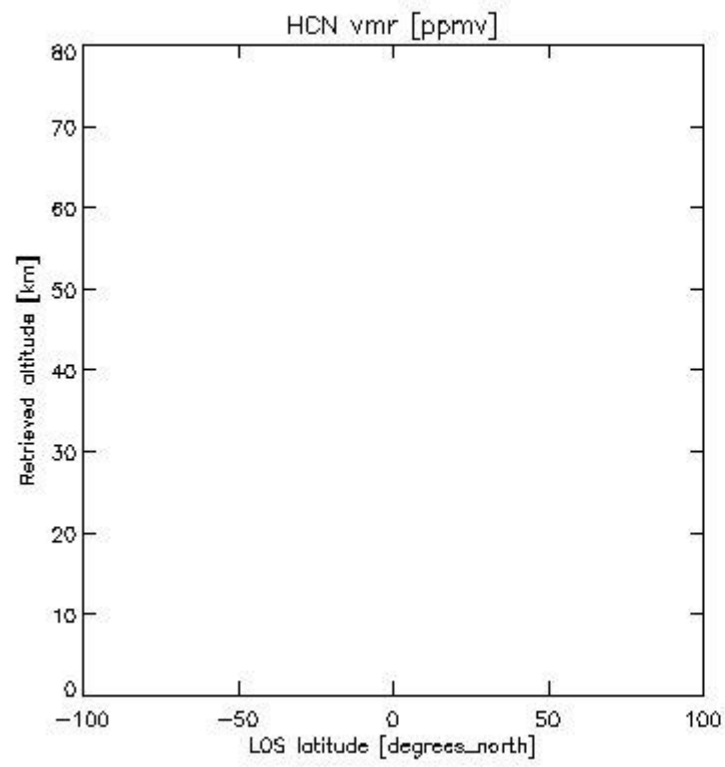


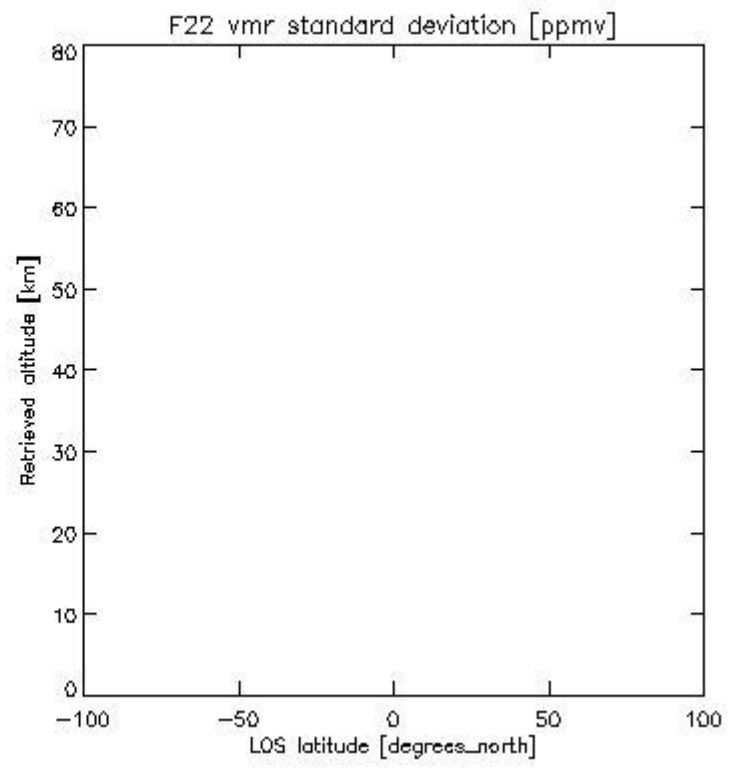
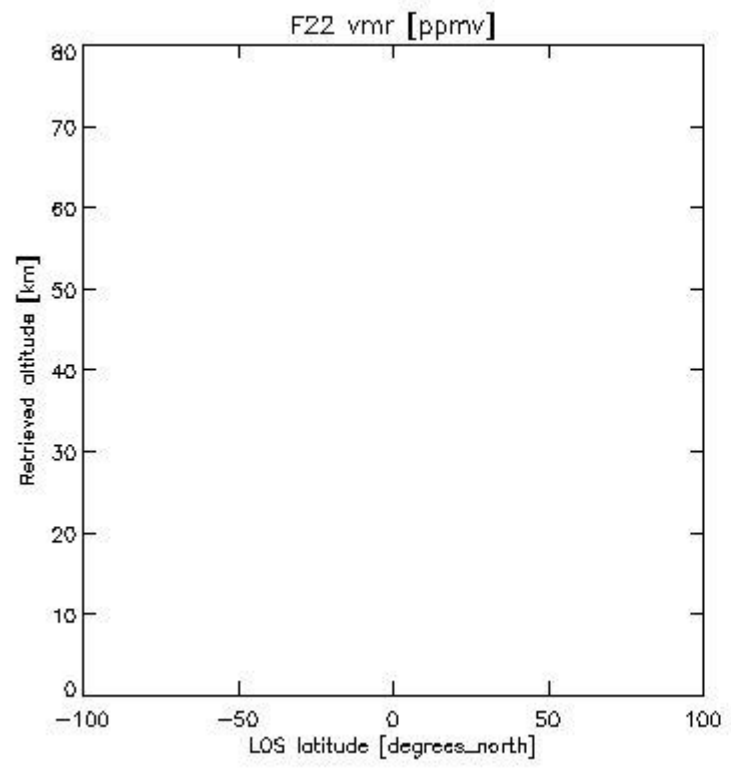
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.











Number of successful retrievals vs. geolocation (*=day side , triangle=night side).

