

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20090707.html](#) for a detailed report).

2.1. General Info

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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	08MAY2016 08:01:30
Data source version	ML2PP/7.03-W
Processing scope for products	07JUL2009 00:00:00 to 08JUL2009 00:00:00
Start time of first product within scope	06JUL2009 22:39:48
Stop time of last product within scope	08JUL2009 01:30:00
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.

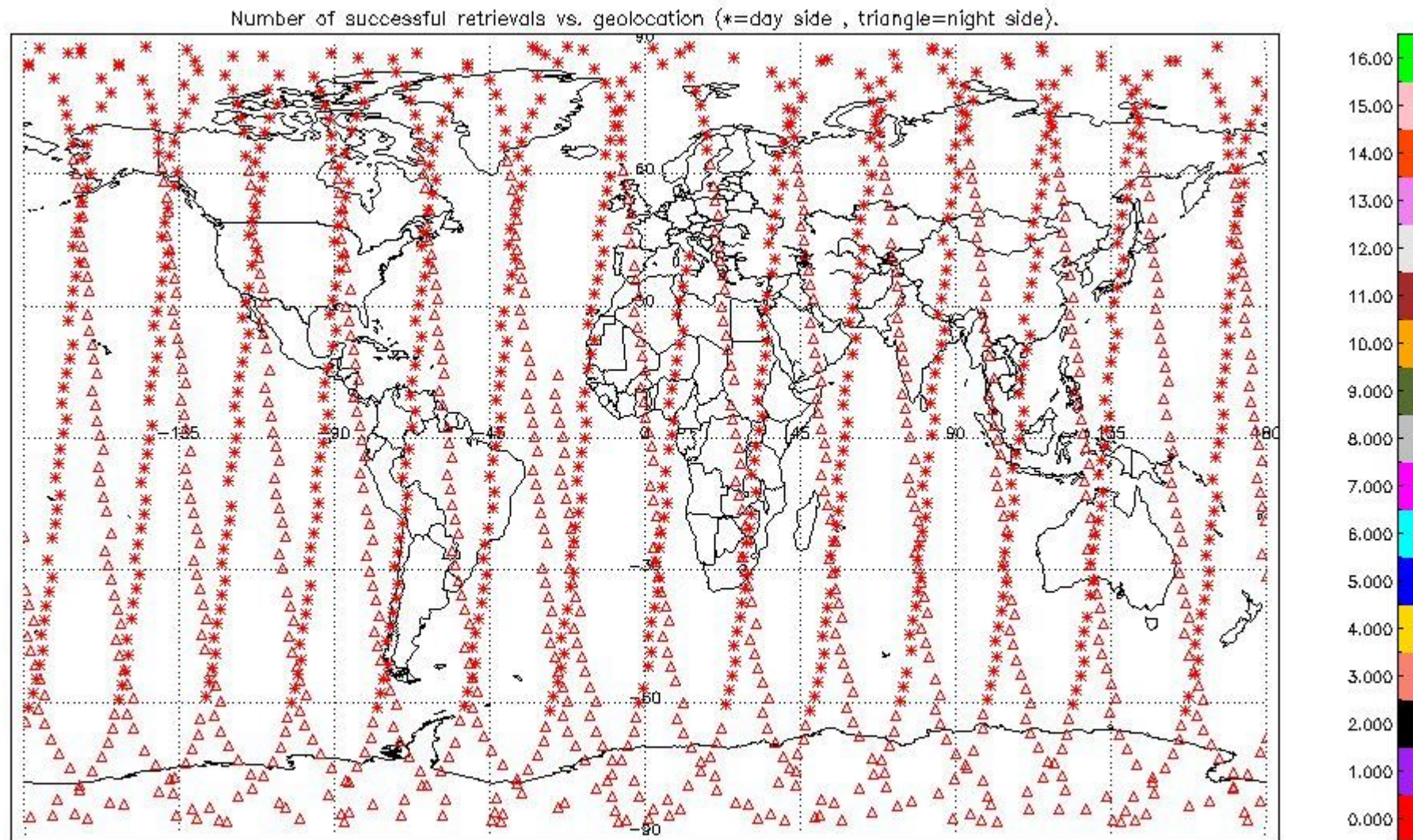
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20090706_223948_000060082080_00302_38432_1000.N1	06JUL2009 22:39:48	07JUL2009 00:19:57	0	103/103	
1	MIP_NL__2PWDSI20090707_002032_000060652080_00303_38433_1000.N1	07JUL2009 00:20:32	07JUL2009 02:01:37	0	104/104	
2	MIP_NL__2PWDSI20090707_020143_000060082080_00304_38434_1000.N1	07JUL2009 02:01:43	07JUL2009 03:41:52	0	103/103	
3	MIP_NL__2PWDSI20090707_034158_000060382080_00305_38435_1000.N1	07JUL2009 03:41:58	07JUL2009 05:22:36	0	103/103	
4	MIP_NL__2PWDSI20090707_052242_000060082080_00306_38436_1000.N1	07JUL2009 05:22:42	07JUL2009 07:02:51	0	103/103	
5	MIP_NL__2PWDSI20090707_070257_000060652080_00307_38437_1000.N1	07JUL2009 07:02:57	07JUL2009 08:44:02	0	104/104	
6	MIP_NL__2PWDSI20090707_084408_000060192080_00308_38438_1000.N1	07JUL2009 08:44:08	07JUL2009 10:24:27	0	88/88	
7	MIP_NL__2PWDSI20090707_102433_000060082080_00309_38439_1000.N1	07JUL2009 10:24:33	07JUL2009 12:04:42	0	103/103	
8	MIP_NL__2PWDSI20090707_120448_000060652080_00310_38440_1000.N1	07JUL2009 12:04:48	07JUL2009 13:45:53	0	104/104	
9	MIP_NL__2PWDSI20090707_134559_000059812080_00311_38441_1000.N1	07JUL2009 13:45:59	07JUL2009 15:25:40	0	102/102	
10	MIP_NL__2PWDSI20090707_152643_000060082080_00312_38442_1000.N1	07JUL2009 15:26:43	07JUL2009 17:06:52	0	103/103	
11	MIP_NL__2PWDSI20090707_170658_000060082080_00313_38443_1000.N1	07JUL2009 17:06:58	07JUL2009 18:47:06	0	103/103	
12	MIP_NL__2PWDSI20090707_184712_000060382080_00314_38444_1000.N1	07JUL2009 18:47:12	07JUL2009 20:27:50	0	103/103	
13	MIP_NL__2PWDSI20090707_202756_000060082080_00315_38445_1000.N1	07JUL2009 20:27:56	07JUL2009 22:08:05	0	103/103	
14	MIP_NL__2PWDSI20090707_220811_000060082080_00316_38446_1000.N1	07JUL2009 22:08:11	07JUL2009 23:48:20	0	103/103	
15	MIP_NL__2PWDSI20090707_234855_000060652080_00317_38447_1000.N1	07JUL2009 23:48:55	08JUL2009 01:30:00	0	104/104	

2.2 Processing performance indicators

2.2.1 Successful retrievals

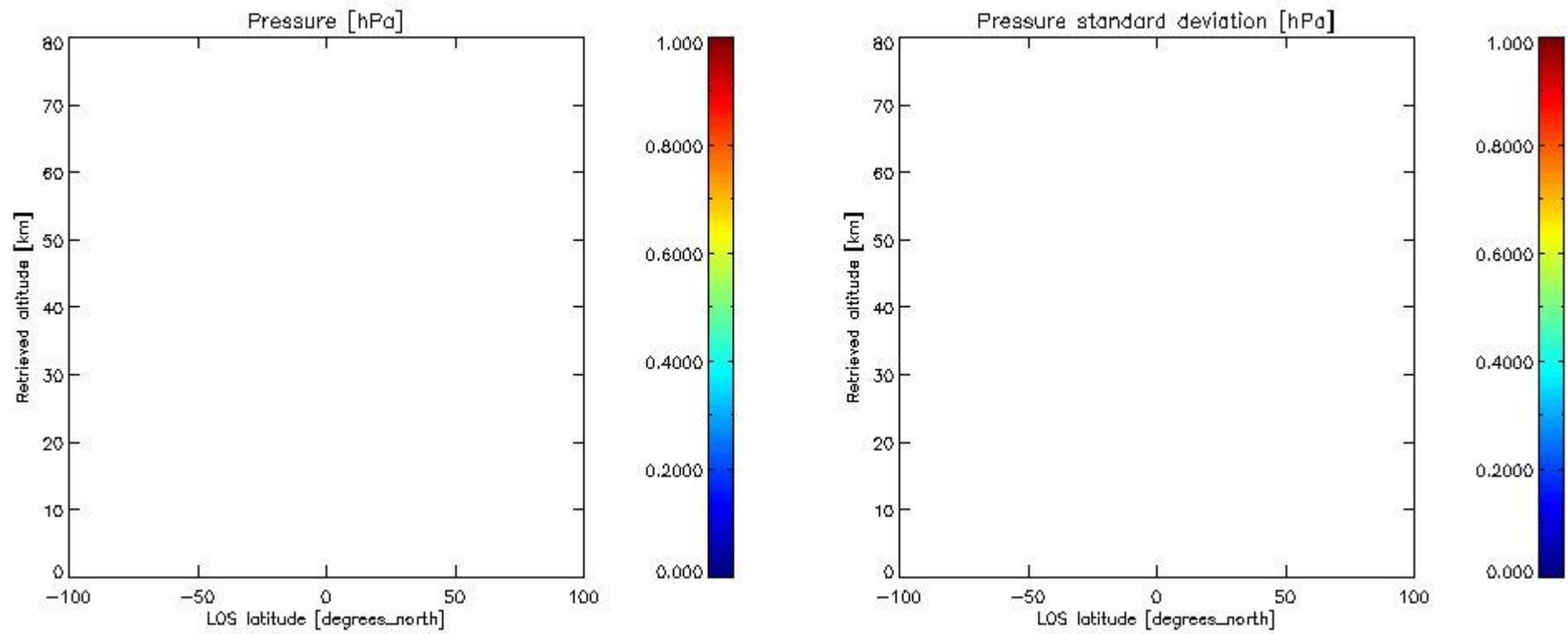
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1636	0	0.0000
H2O	1636	0	0.0000
O3	1636	0	0.0000
HNO3	1636	0	0.0000
CH4	1636	0	0.0000
N2O	1636	0	0.0000
NO2	1636	0	0.0000
F11	1636	0	0.0000
CLNO	1636	0	0.0000
N2O5	1636	0	0.0000
F12	1636	0	0.0000
COF2	1636	0	0.0000
CCL4	1636	0	0.0000
HCN	1636	0	0.0000
F14	1636	0	0.0000
F22	1636	0	0.0000



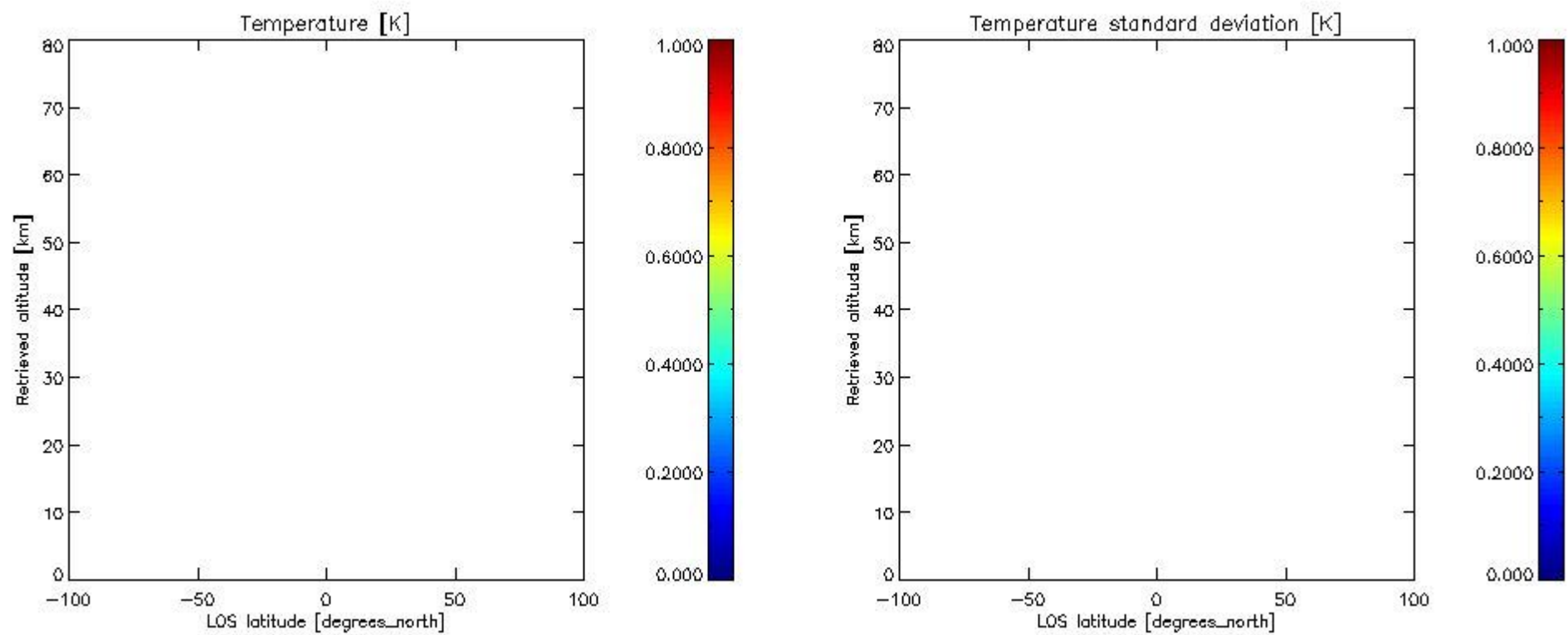
2.2.2 Pressure overview

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



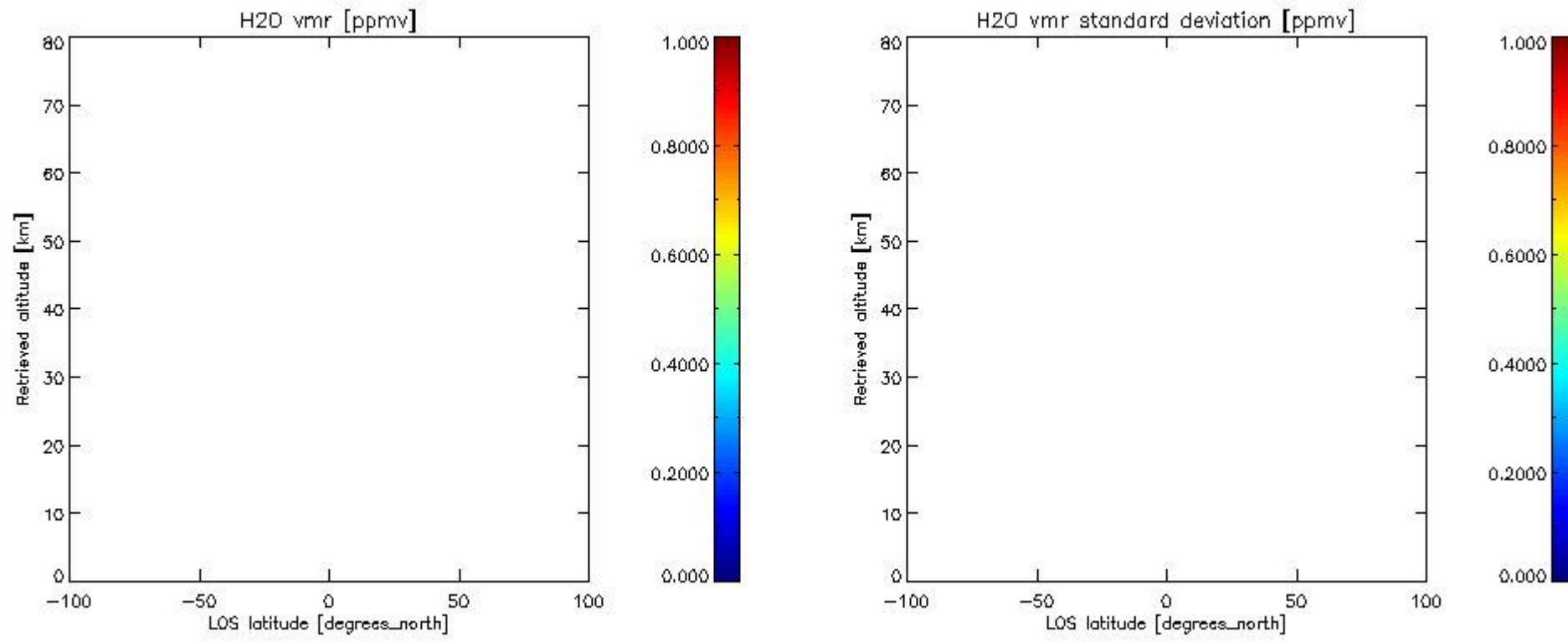
2.2.3 Temperature overview

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

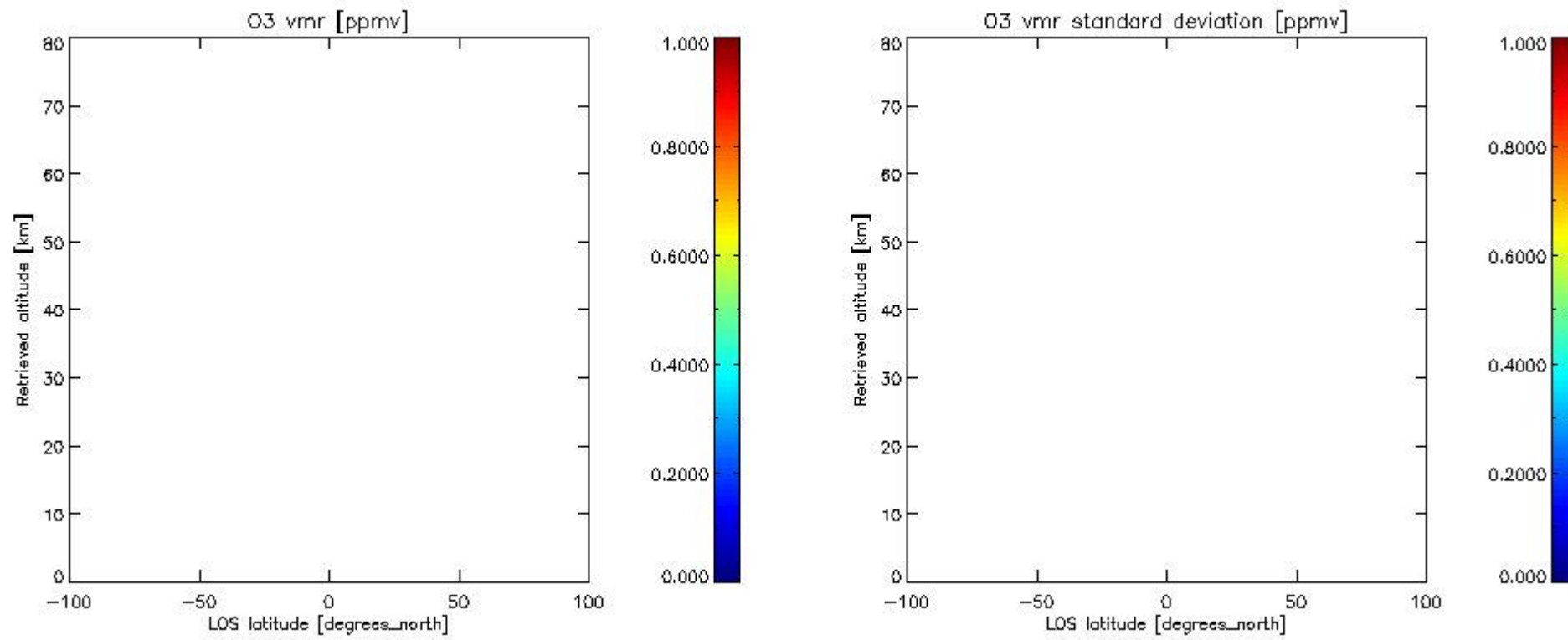


2.2.4 Species overview

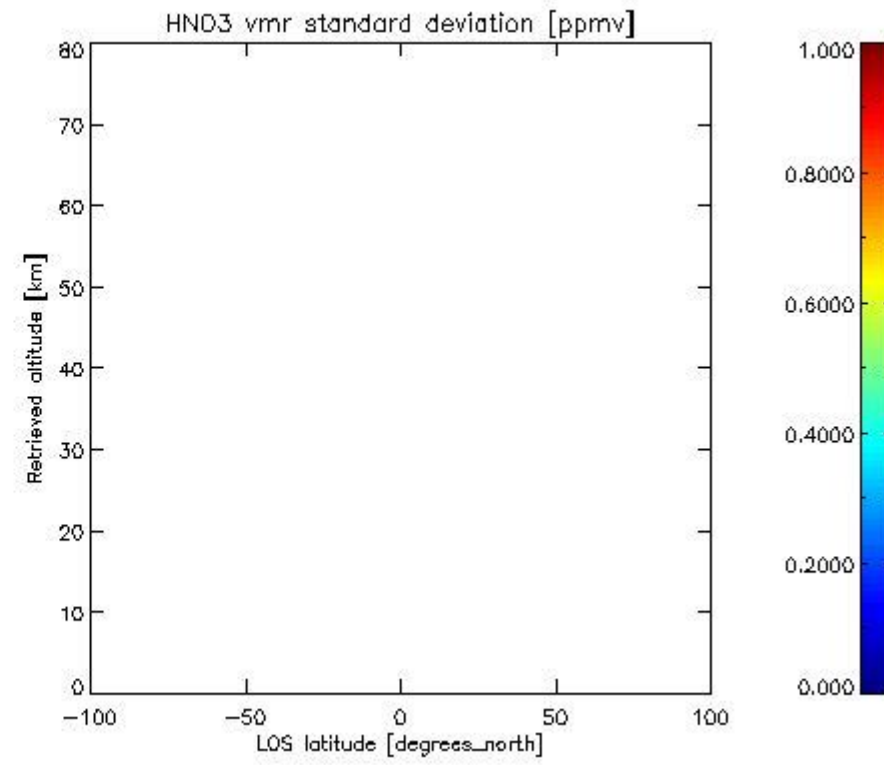
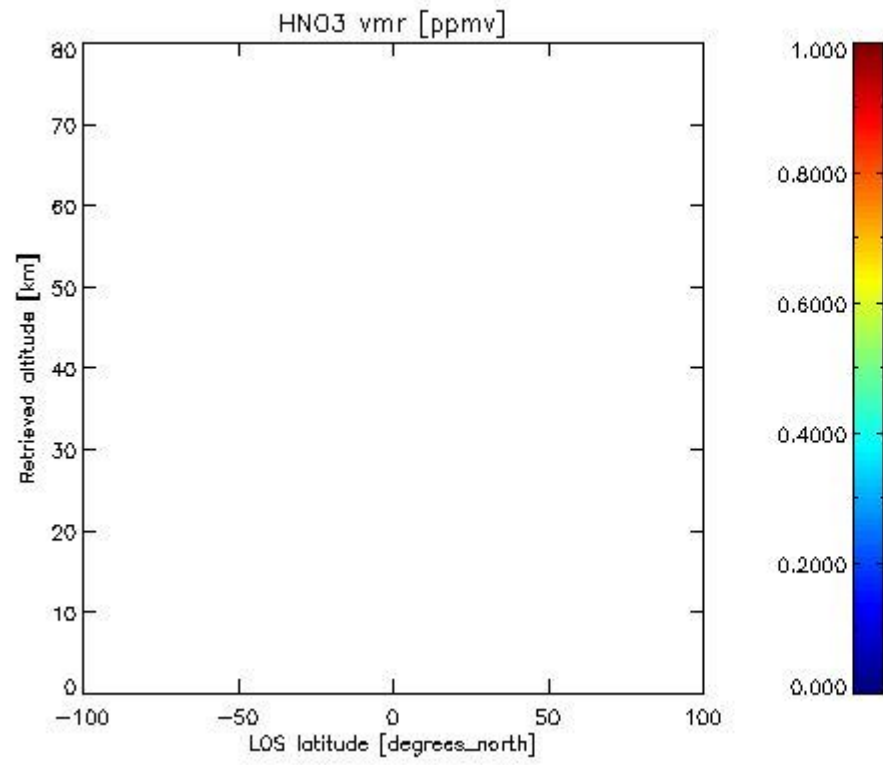
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



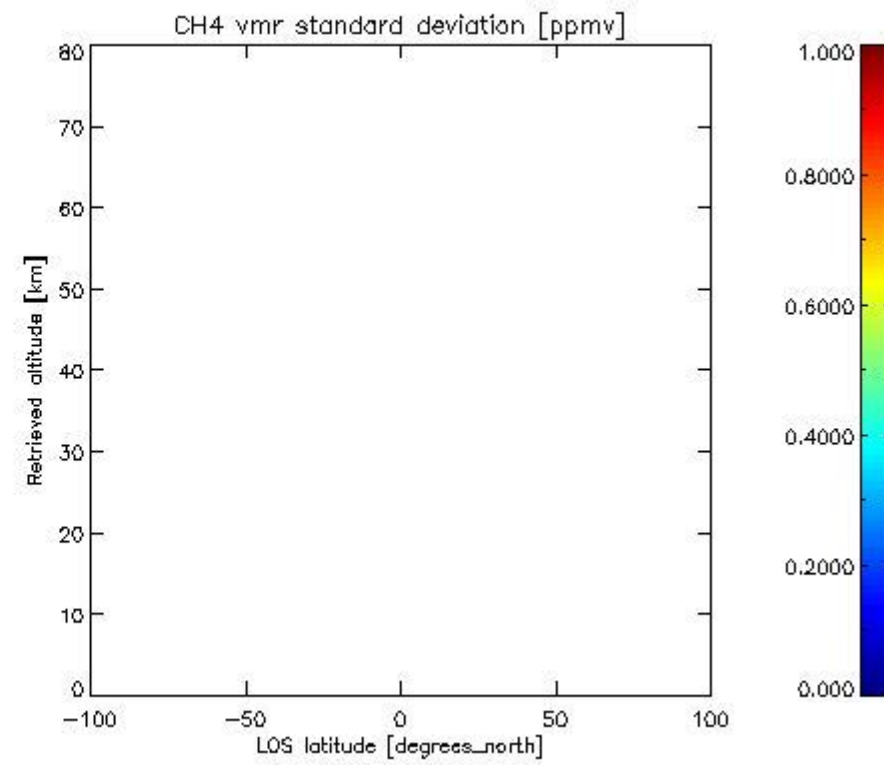
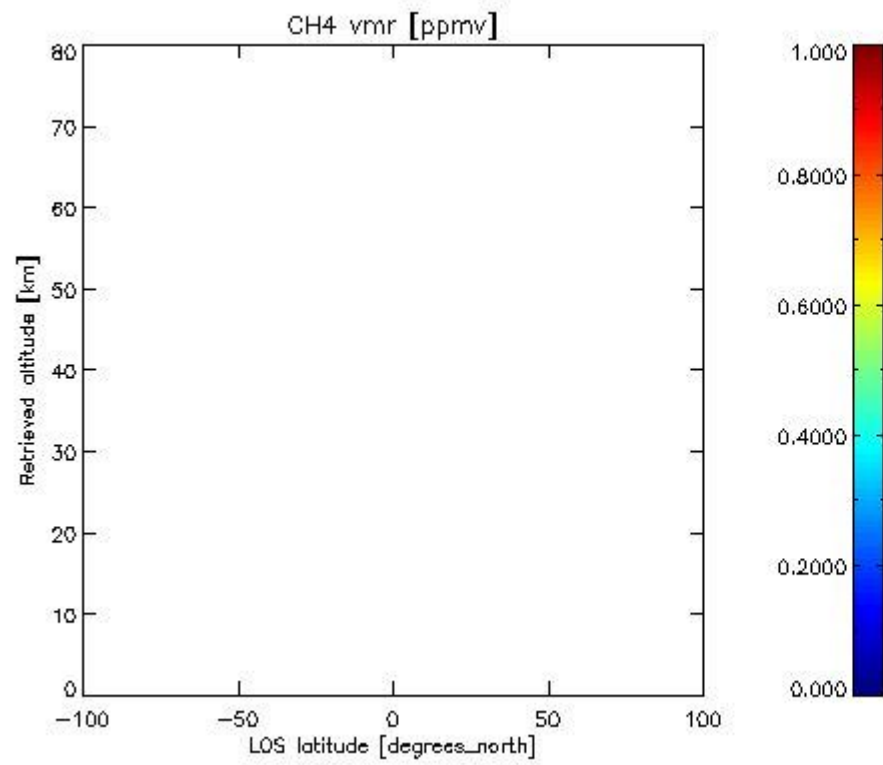
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



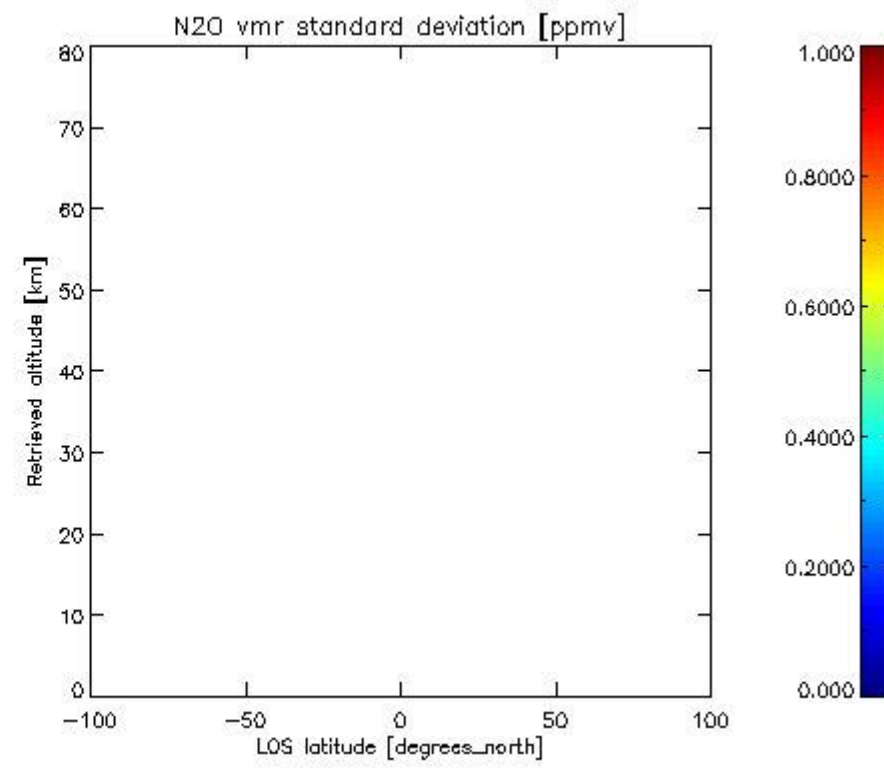
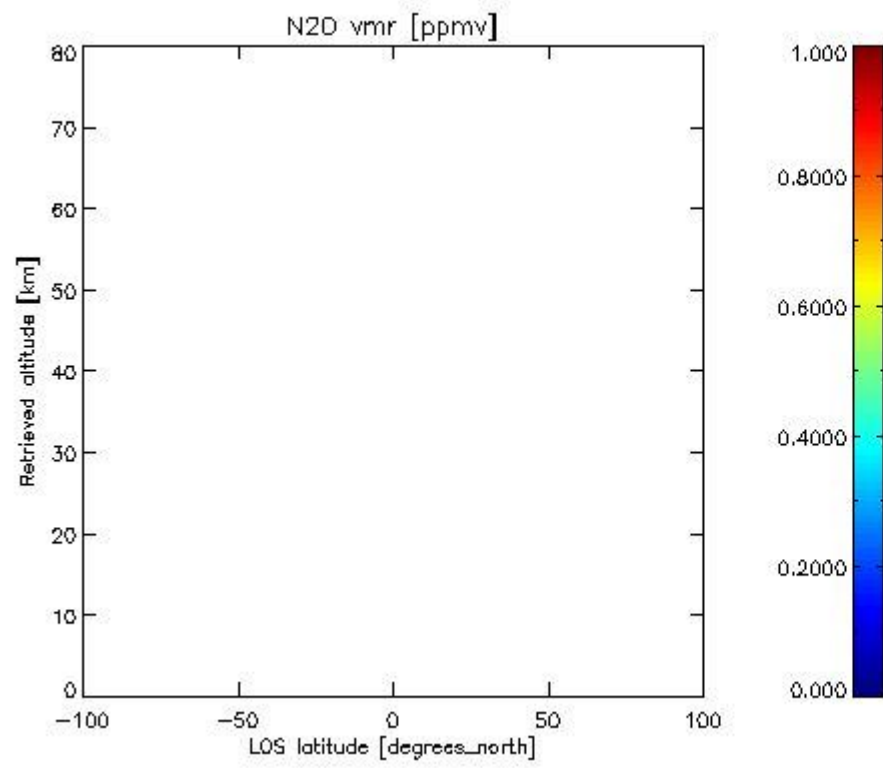
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



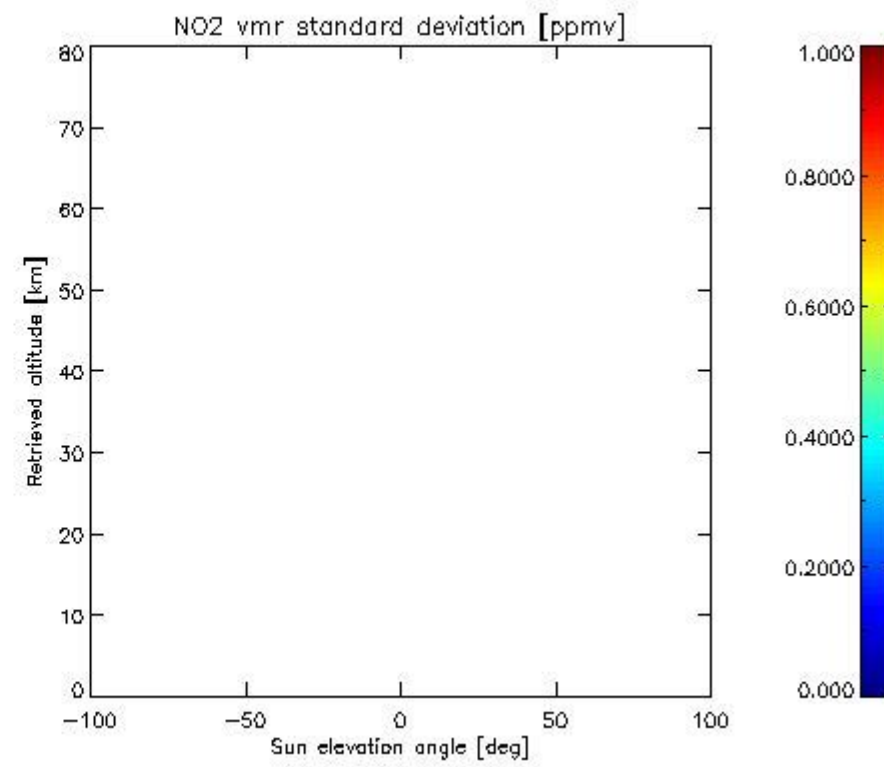
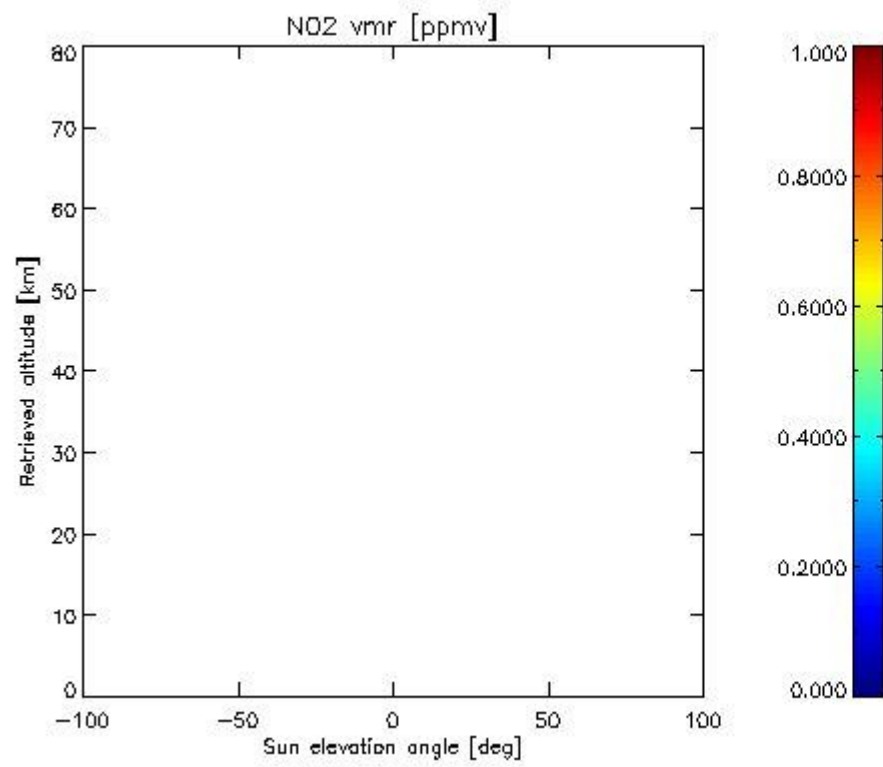
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



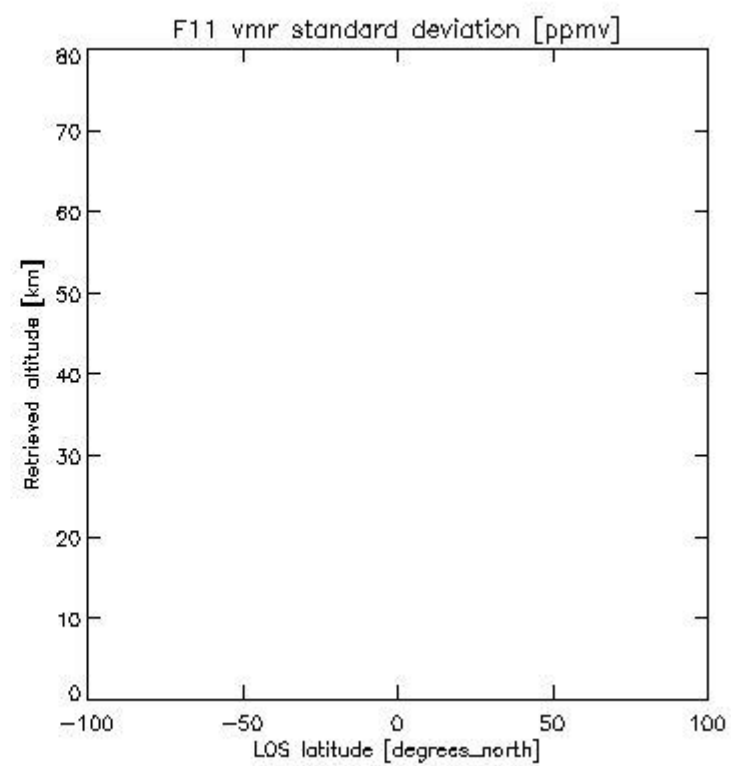
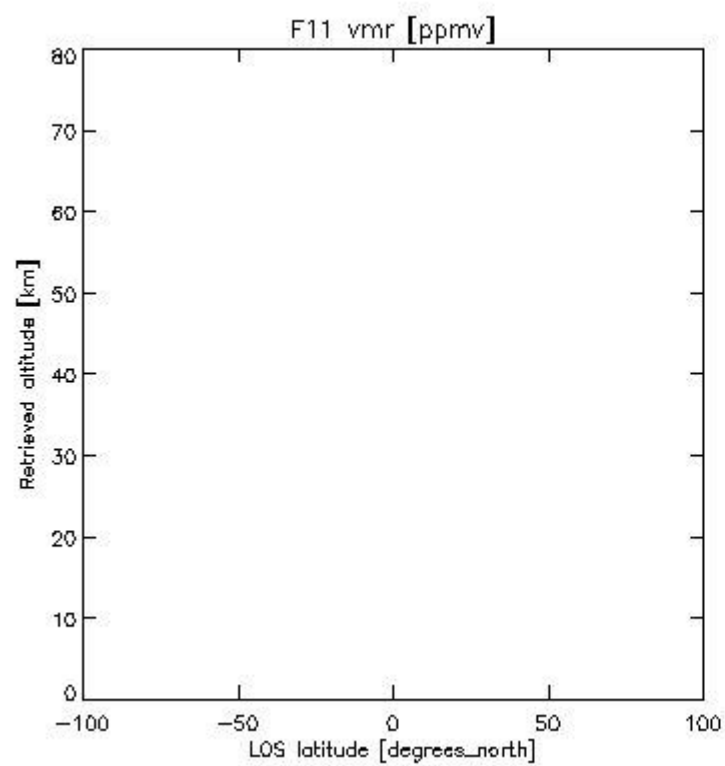
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



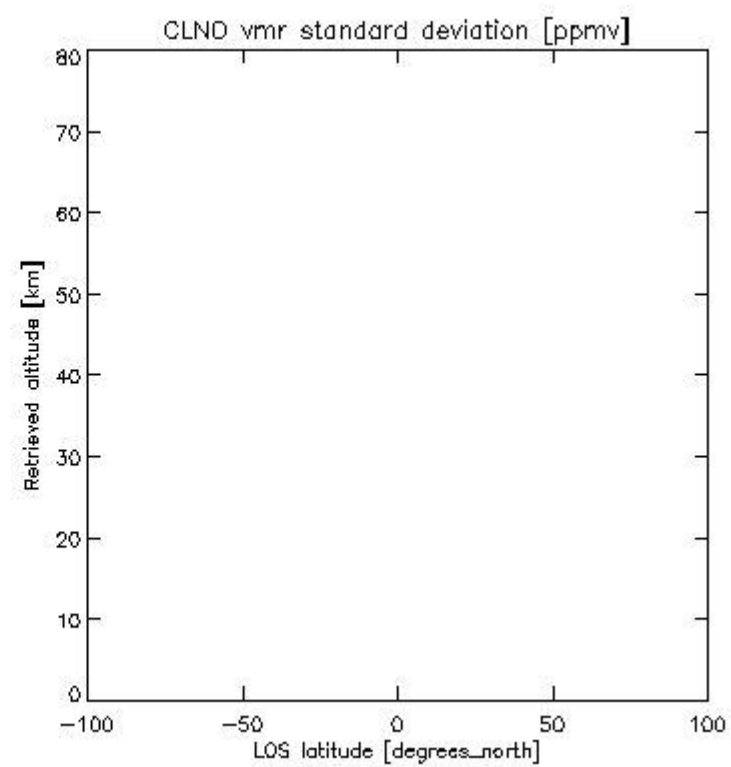
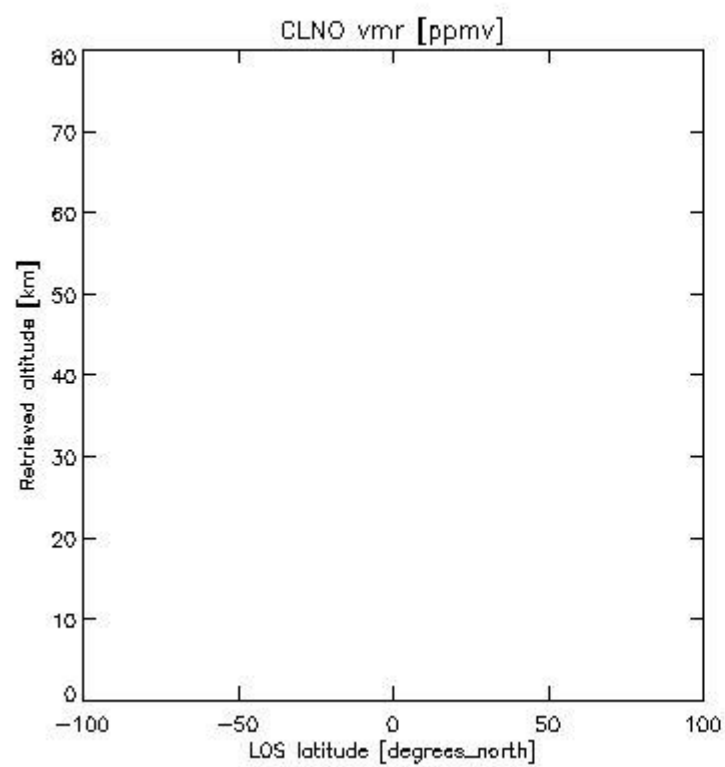
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

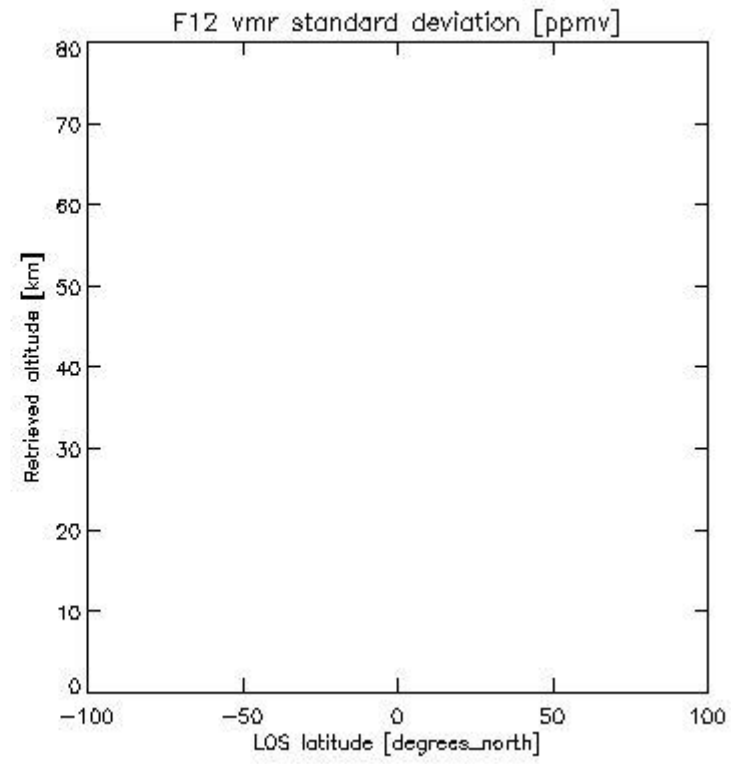
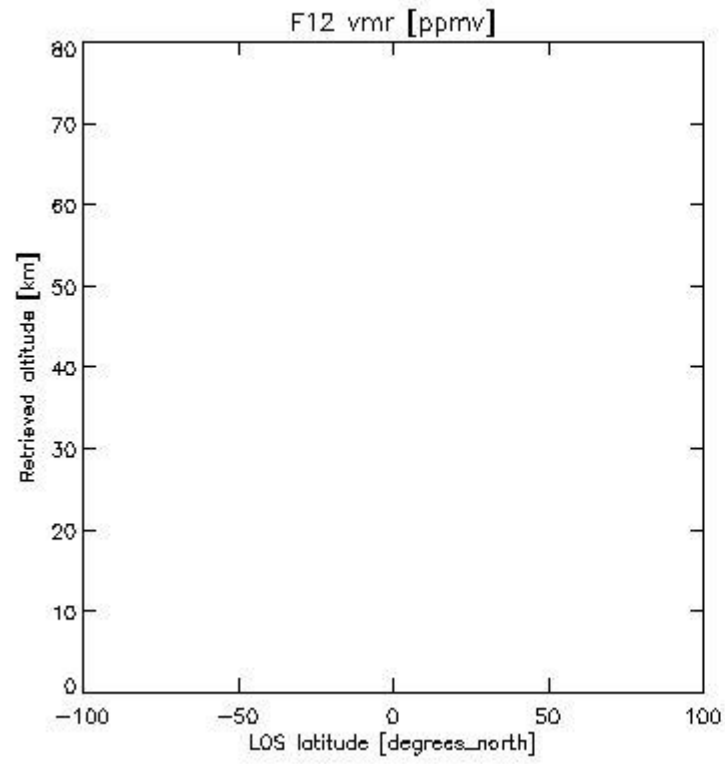
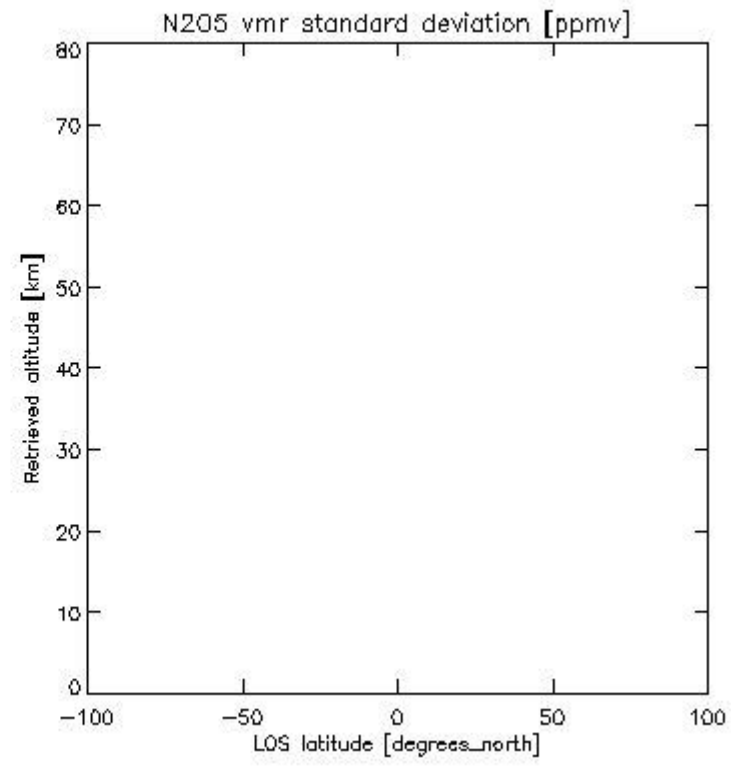
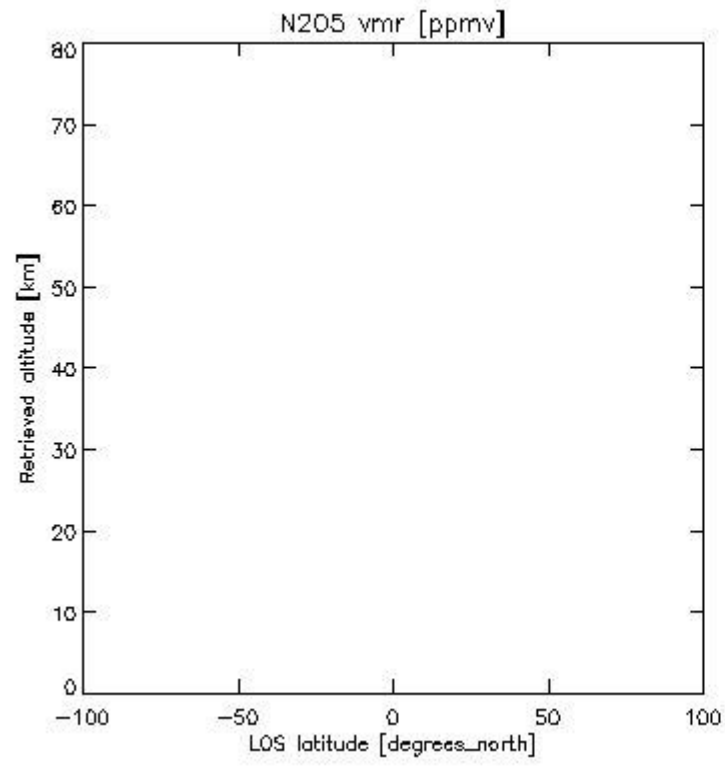


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

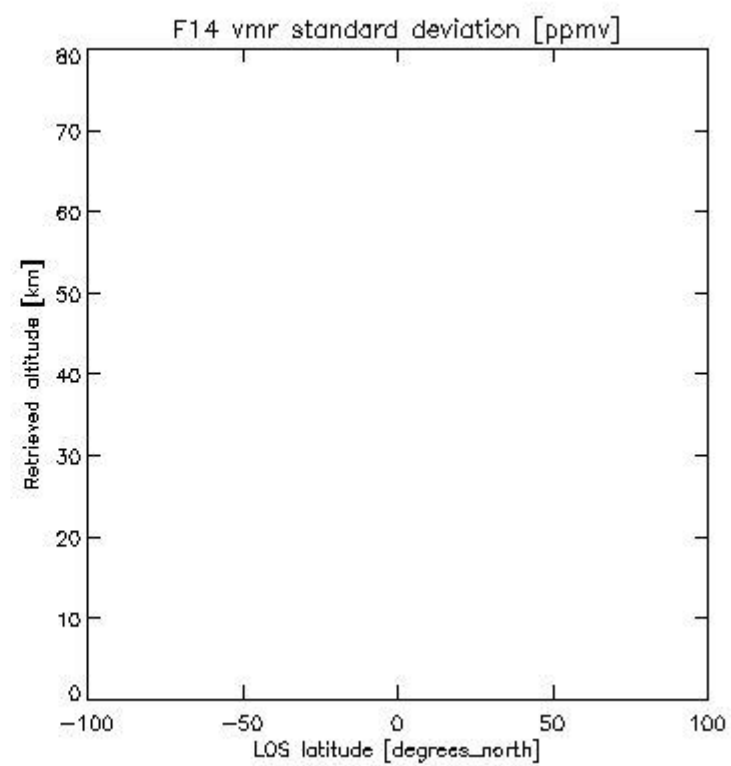
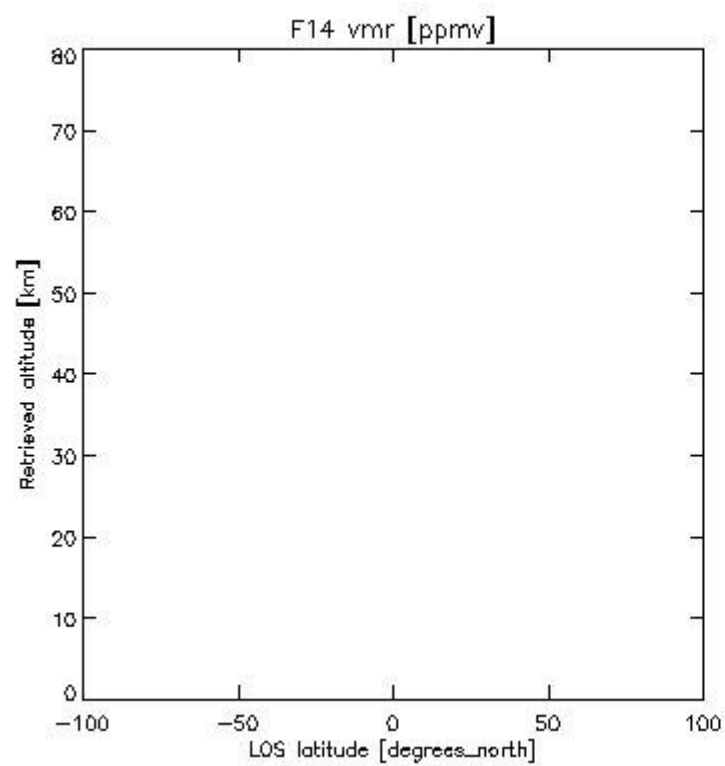
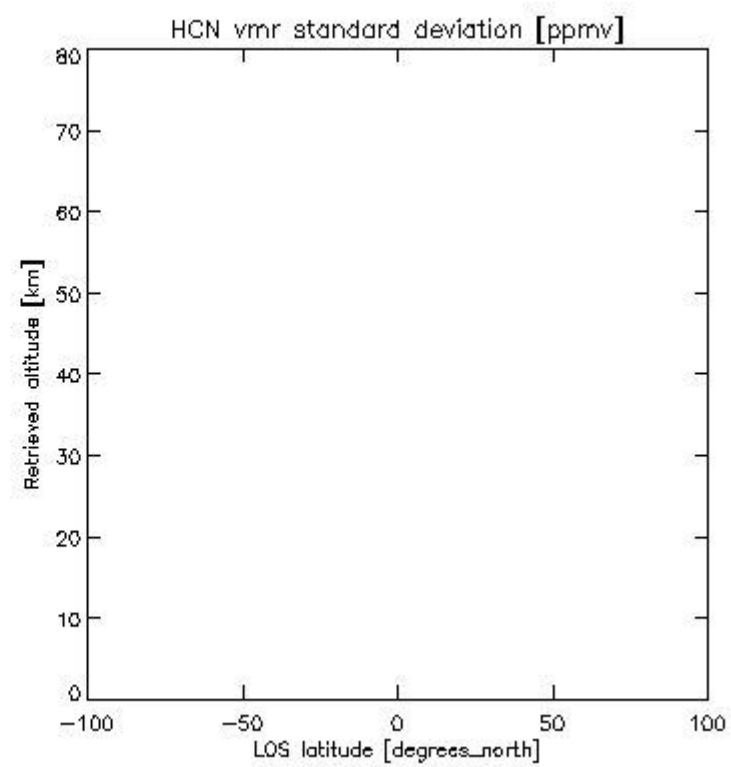
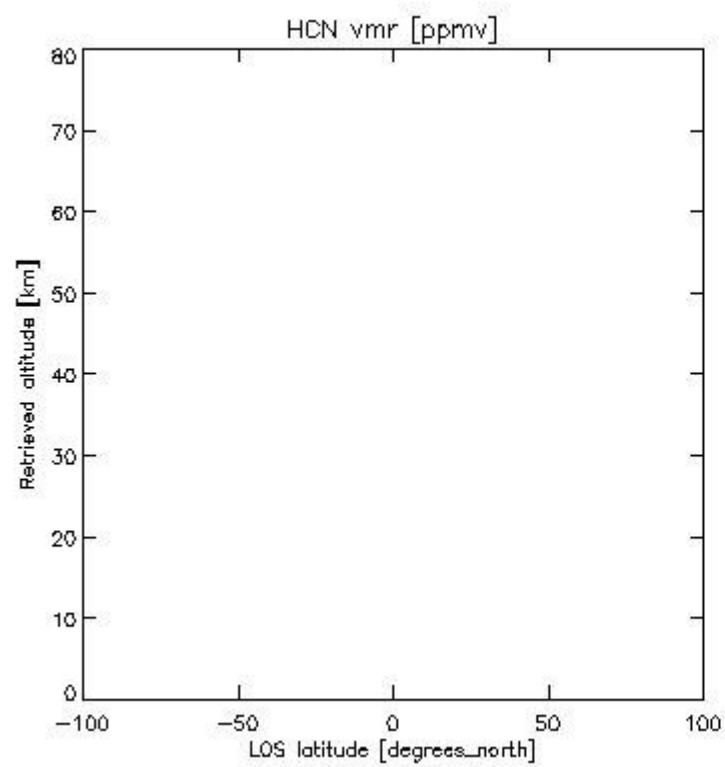


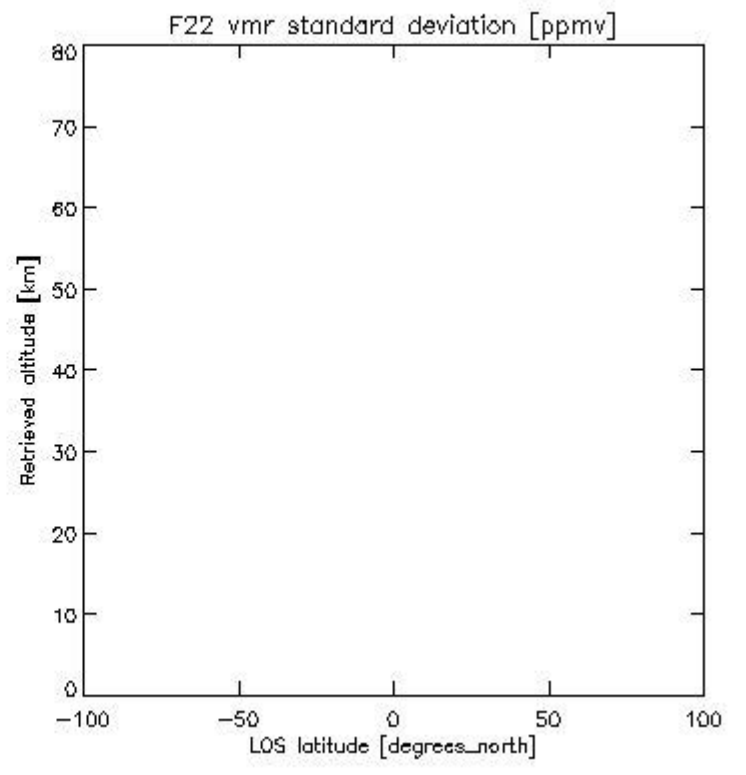
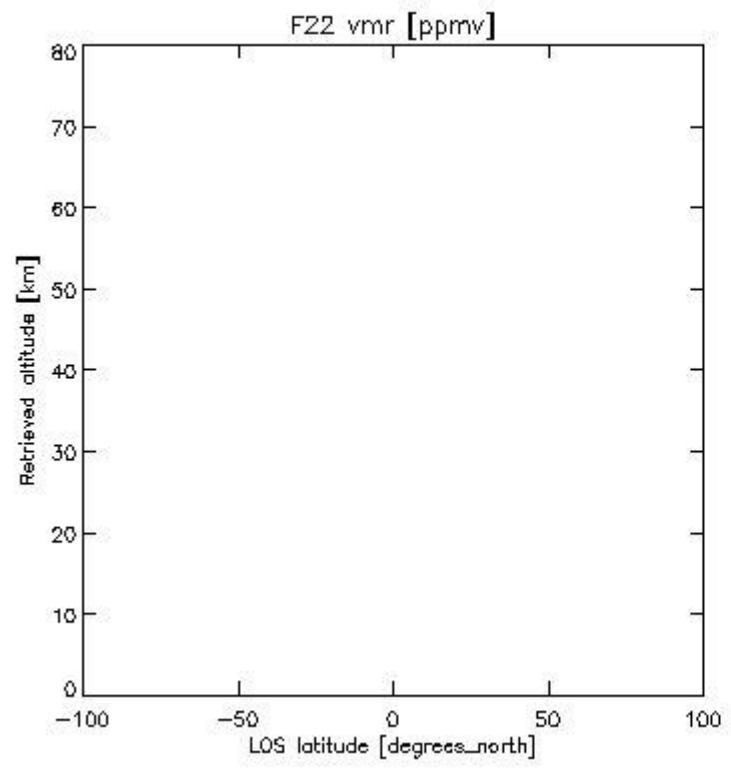
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.











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

