

## 2. MIPAS Daily Report for level 2 products summary report

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20110709.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	18MAY2016 02:34:54
Data source version	ML2PP/7.03-W
Processing scope for products	09JUL2011 00:00:00 to 10JUL2011 00:00:00
Start time of first product within scope	08JUL2011 23:29:42
Stop time of last product within scope	10JUL2011 00:34:02
Total number of level 2 products	15
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.

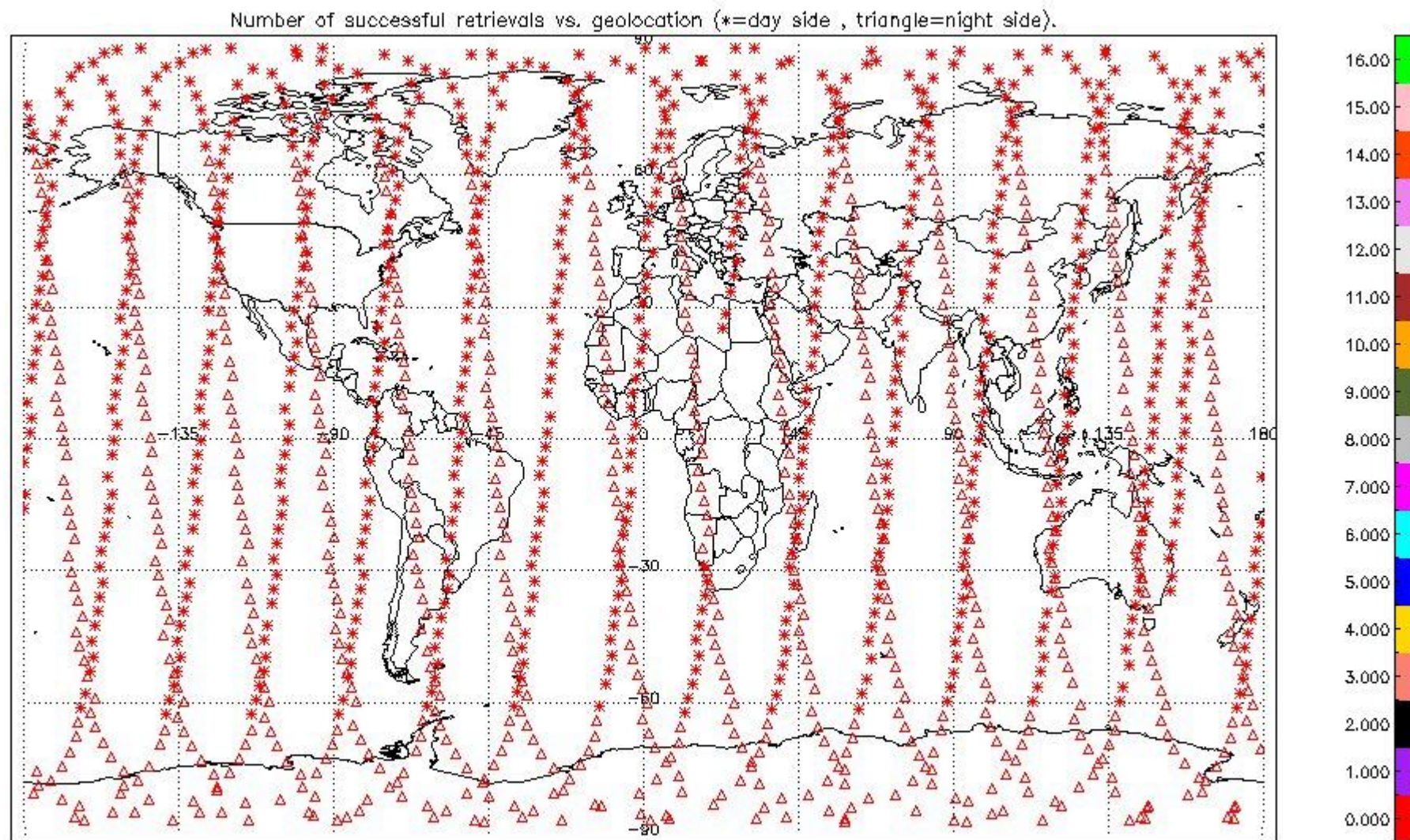
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20110708_232942_000060373104_00203_48924_1000.N1	08JUL2011 23:29:42	09JUL2011 01:10:19	0	103/103	
1	MIP_NL__2PWDSI20110709_011025_000060083104_00204_48925_1000.N1	09JUL2011 01:10:25	09JUL2011 02:50:34	0	103/103	
2	MIP_NL__2PWDSI20110709_025040_000060083104_00205_48926_1000.N1	09JUL2011 02:50:40	09JUL2011 04:30:48	0	103/103	
3	MIP_NL__2PWDSI20110709_043054_000059813104_00206_48927_1000.N1	09JUL2011 04:30:54	09JUL2011 06:10:35	0	102/102	
4	MIP_NL__2PWDSI20110709_061042_000060083104_00207_48928_1000.N1	09JUL2011 06:10:42	09JUL2011 07:50:50	0	103/103	
5	MIP_NL__2PWDSI20110709_075056_000060243104_00208_48929_1000.N1	09JUL2011 07:50:56	09JUL2011 09:31:20	0	89/89	
6	MIP_NL__2PWDSI20110709_093127_000060083104_00209_48930_1000.N1	09JUL2011 09:31:27	09JUL2011 11:11:35	0	103/103	
7	MIP_NL__2PWDSI20110709_111210_000060083104_00210_48931_1000.N1	09JUL2011 11:12:10	09JUL2011 12:52:18	0	103/103	
8	MIP_NL__2PWDSI20110709_125225_000060083104_00211_48932_1000.N1	09JUL2011 12:52:25	09JUL2011 14:32:33	0	103/103	
9	MIP_NL__2PWDSI20110709_143239_000059523104_00212_48933_1000.N1	09JUL2011 14:32:39	09JUL2011 16:11:51	0	102/102	
10	MIP_NL__2PWDSI20110709_161226_000060083104_00213_48934_1000.N1	09JUL2011 16:12:26	09JUL2011 17:52:35	0	103/103	
11	MIP_NL__2PWDSI20110709_175241_000060083104_00214_48935_1000.N1	09JUL2011 17:52:41	09JUL2011 19:32:49	0	103/103	
12	MIP_NL__2PWDSI20110709_193255_000060373104_00215_48936_1000.N1	09JUL2011 19:32:55	09JUL2011 21:13:33	0	103/103	
13	MIP_NL__2PWDSI20110709_211339_000060083104_00216_48937_1000.N1	09JUL2011 21:13:39	09JUL2011 22:53:47	0	103/103	
14	MIP_NL__2PWDSI20110709_225257_000060653104_00217_48938_1000.N1	09JUL2011 22:52:57	10JUL2011 00:34:02	0	104/104	

## 2.2 Processing performance indicators

## 2.2.1 Successful retrievals

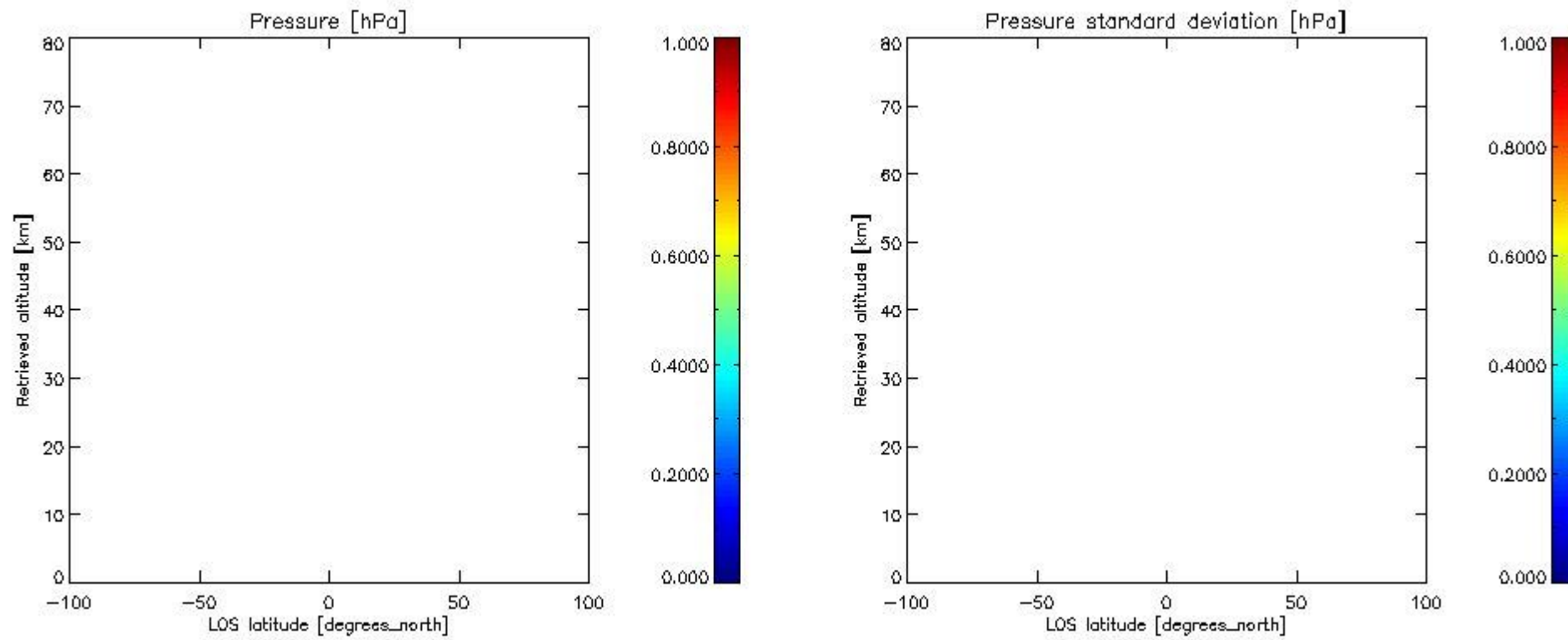
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1530	0	0.0000
H2O	1530	0	0.0000
O3	1530	0	0.0000
HNO3	1530	0	0.0000
CH4	1530	0	0.0000
N2O	1530	0	0.0000
NO2	1530	0	0.0000
F11	1530	0	0.0000
CLNO	1530	0	0.0000
N2O5	1530	0	0.0000
F12	1530	0	0.0000
COF2	1530	0	0.0000
CCL4	1530	0	0.0000
HCN	1530	0	0.0000
F14	1530	0	0.0000
F22	1530	0	0.0000



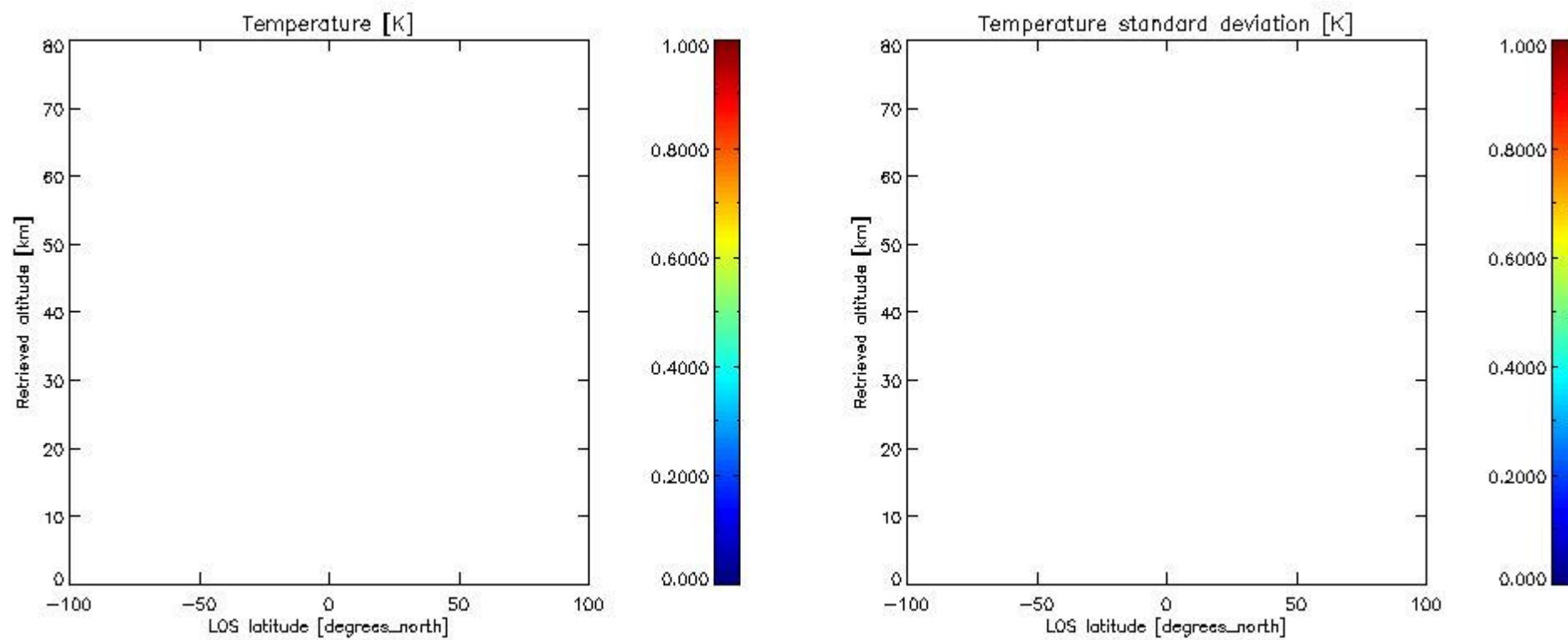
## 2.2.2 Pressure overview

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



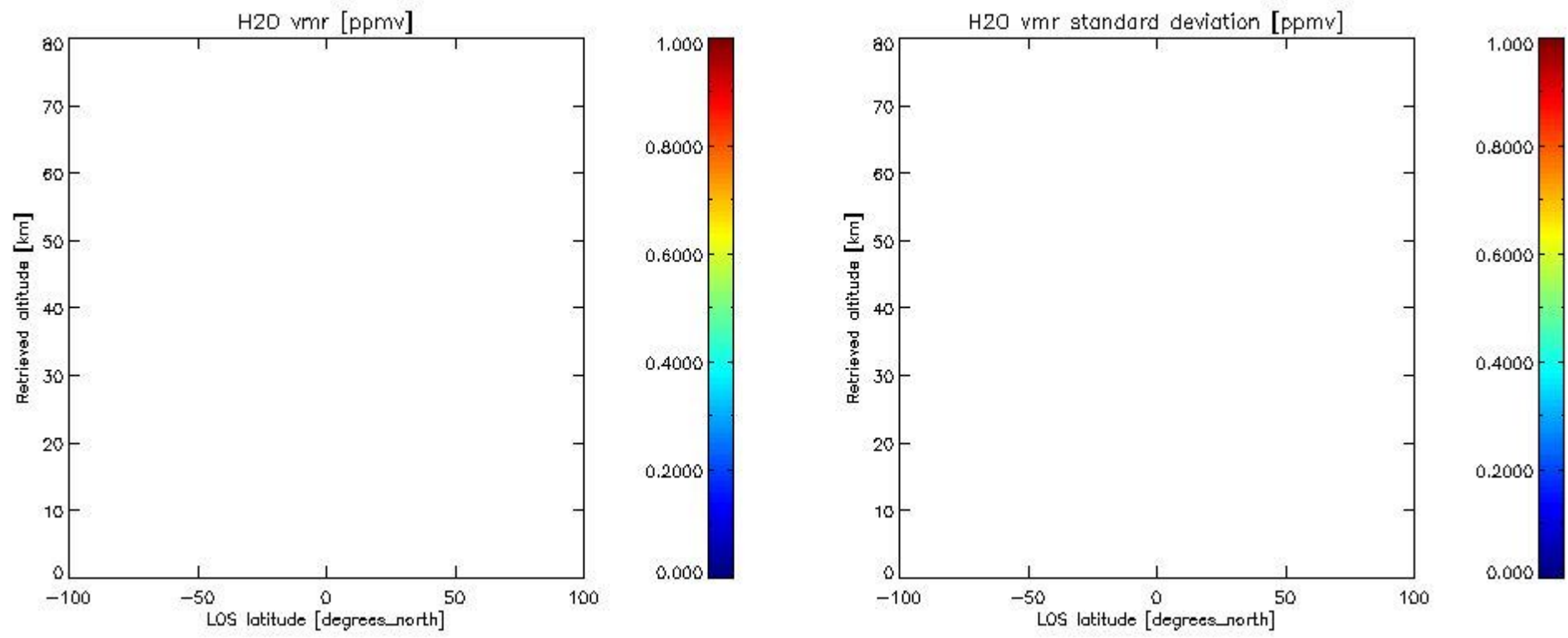
### 2.2.3 Temperature overview

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

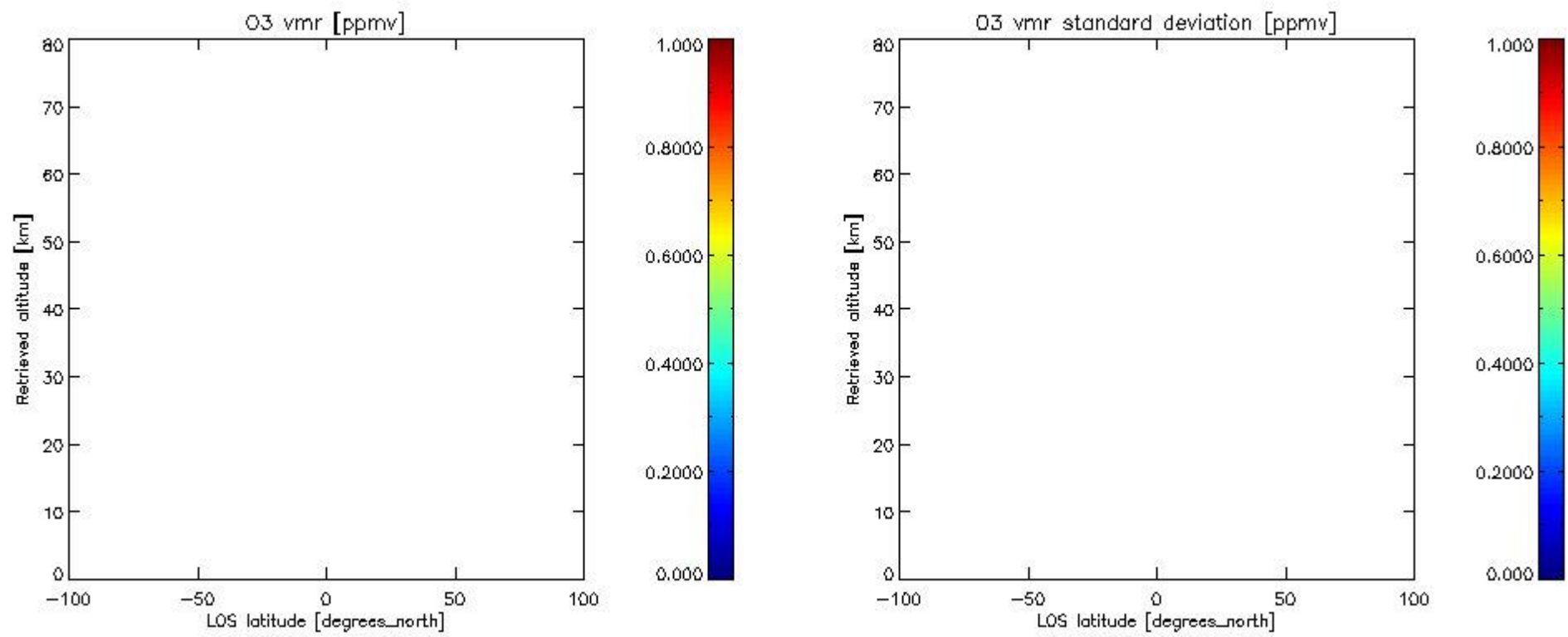


### 2.2.4 Species overview

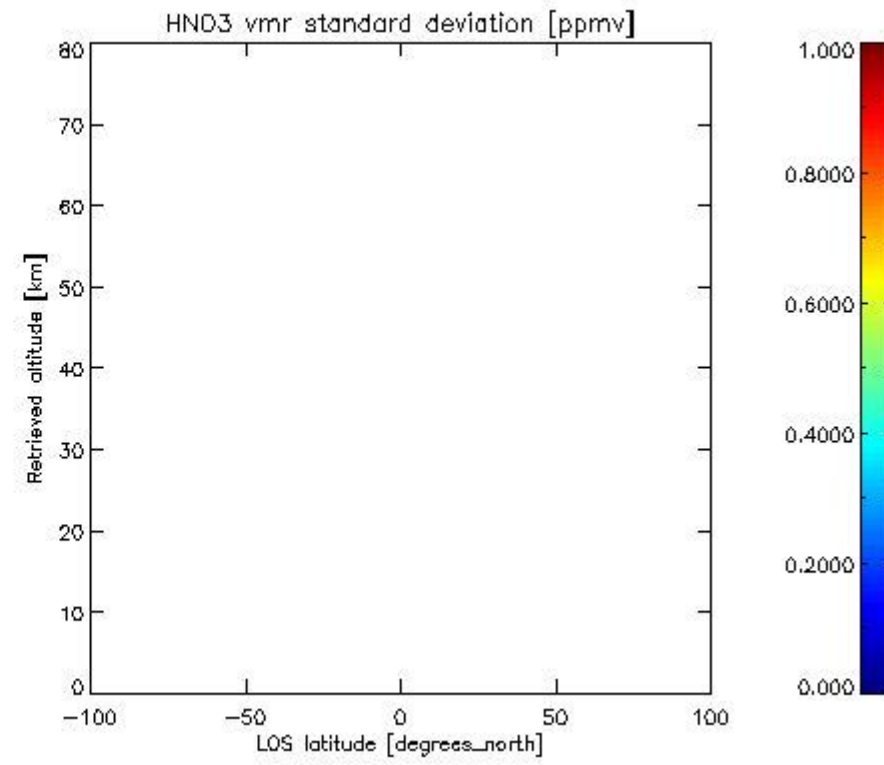
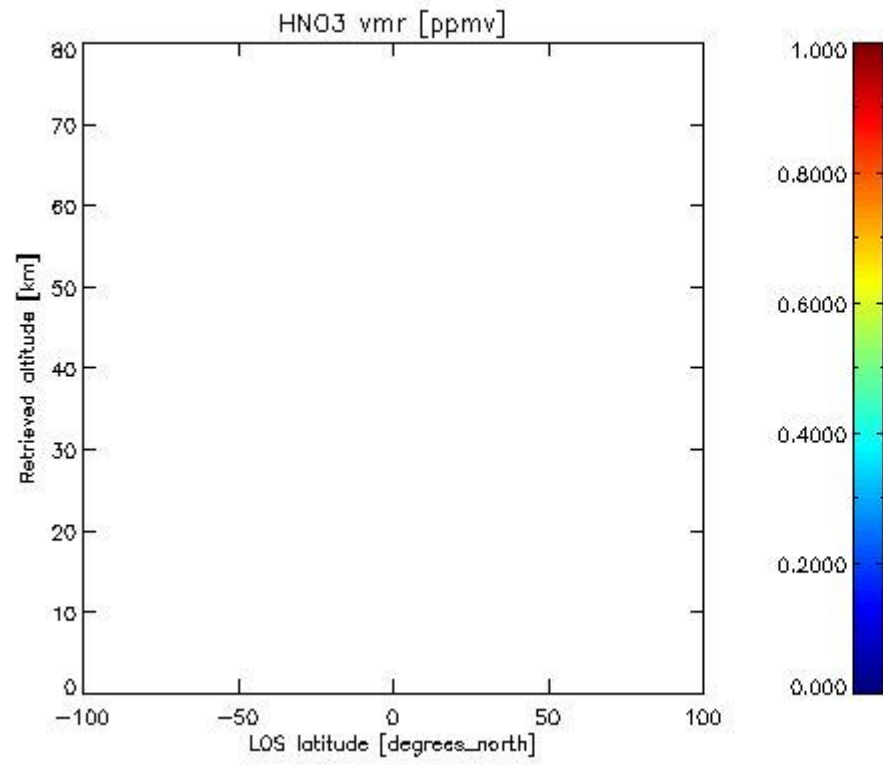
**2.2.4.1 H2O overview** This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



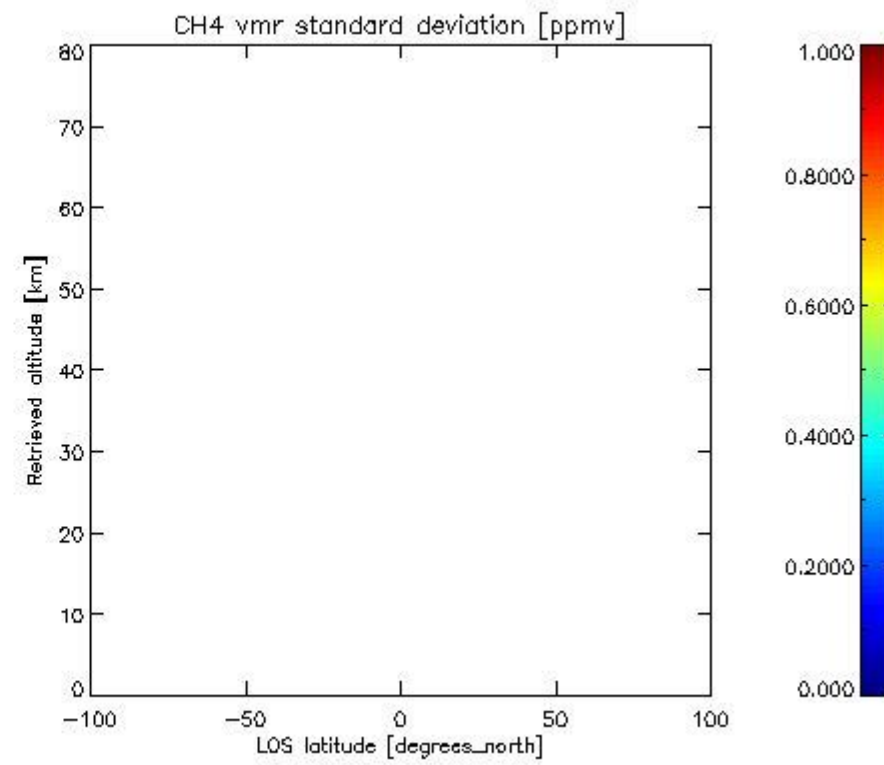
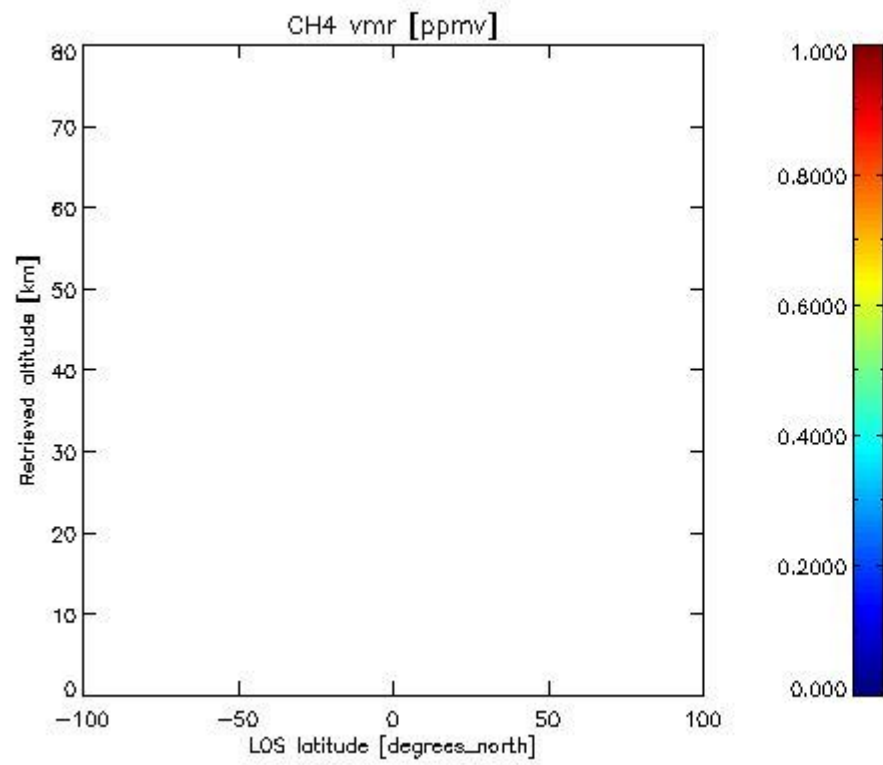
**2.2.4.2 O3 overview** This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



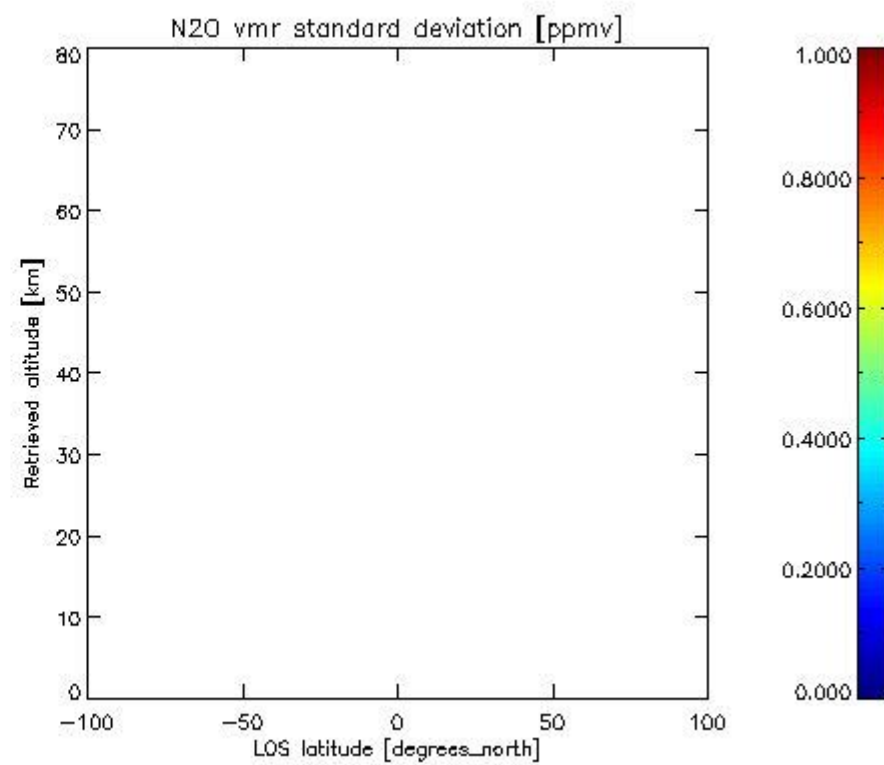
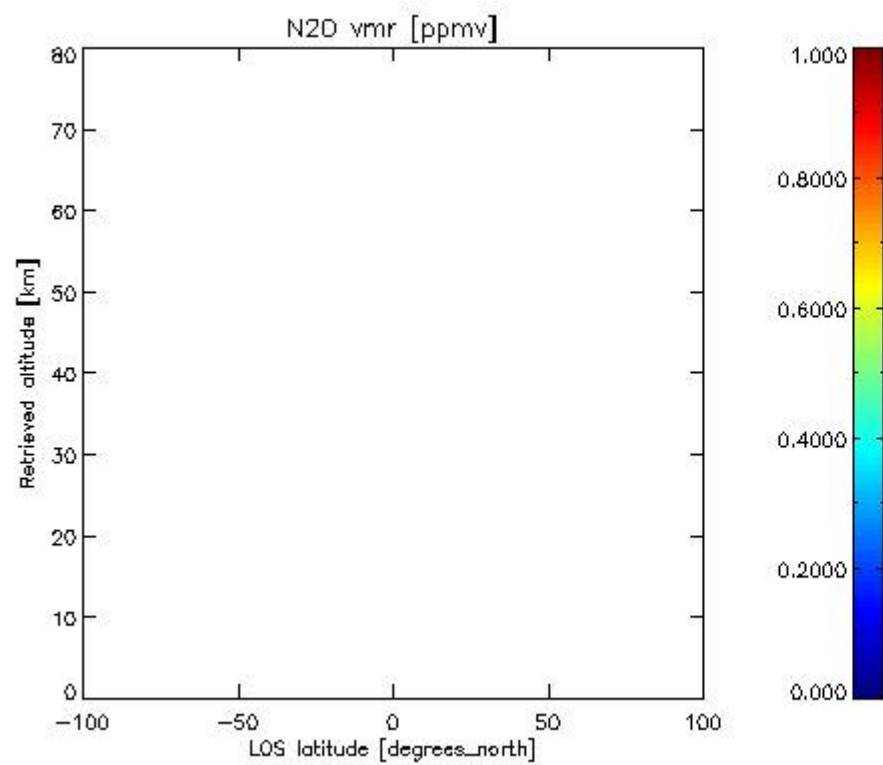
**2.2.4.3 HNO3 overview** This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



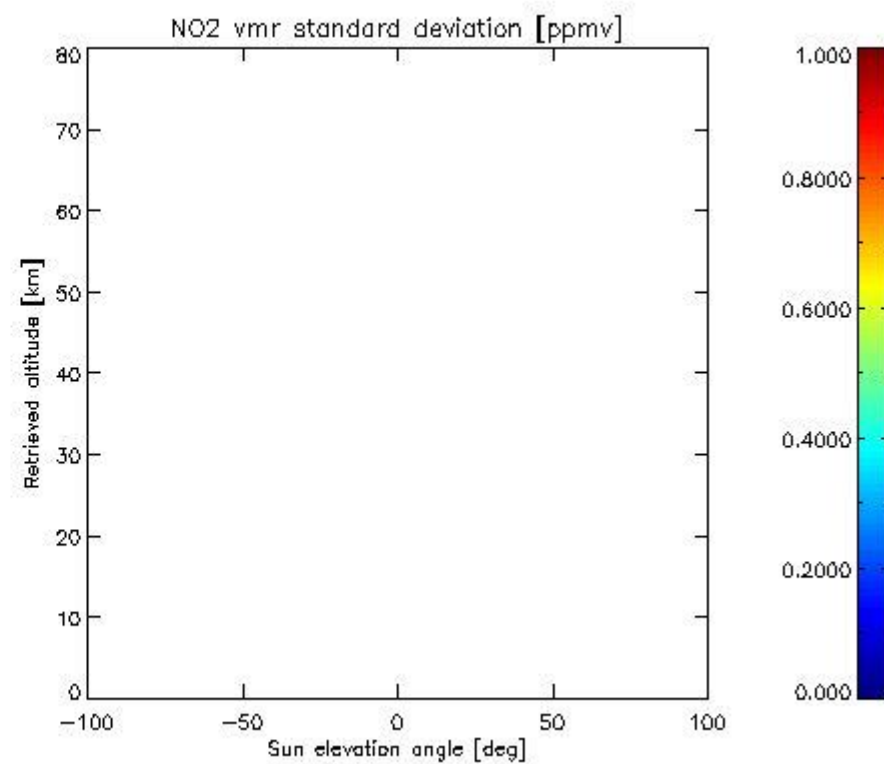
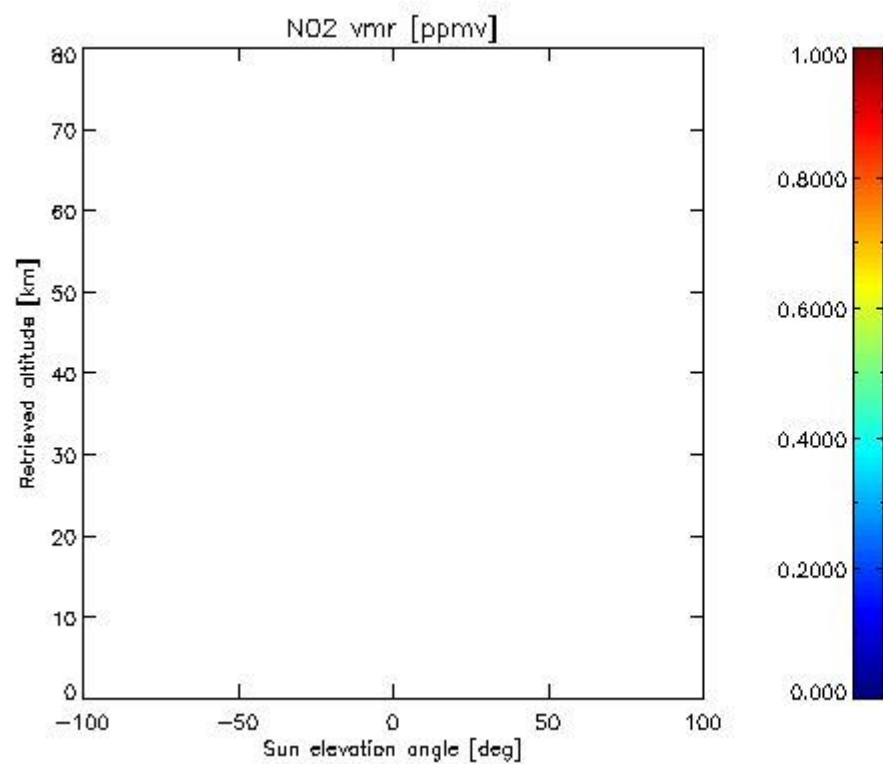
2.2.4.4 CH<sub>4</sub> overview This section shows values (left) and error (right) for CH<sub>4</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



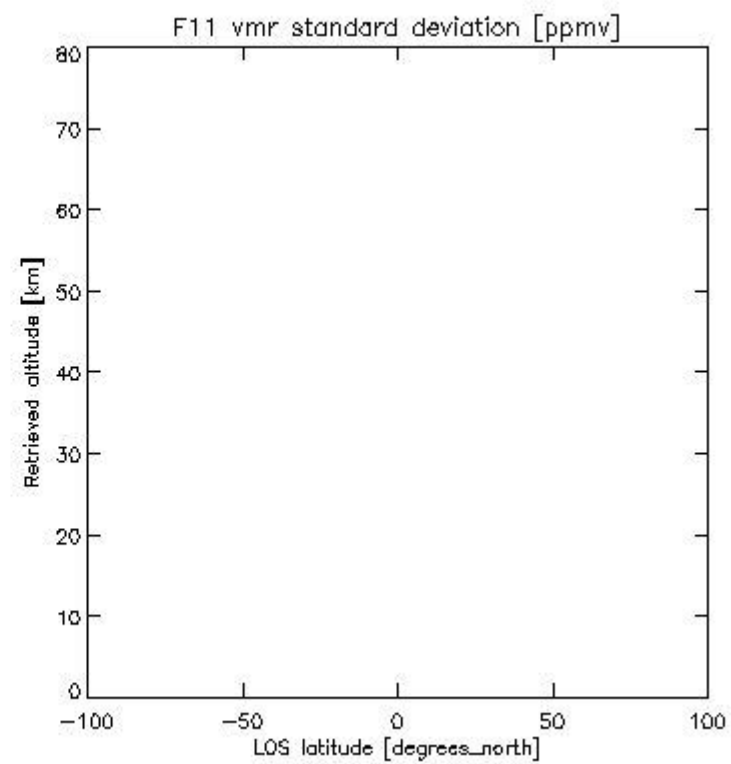
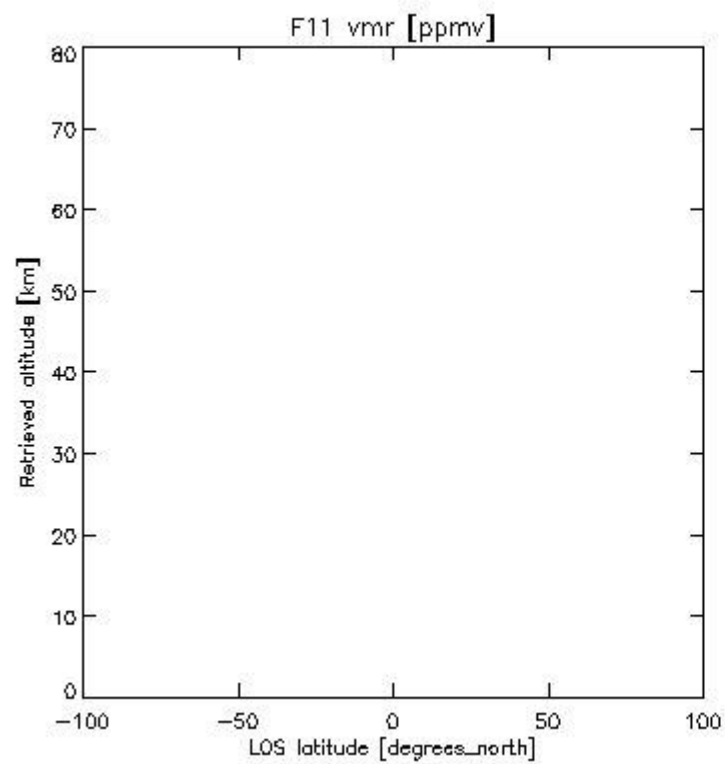
2.2.4.5 N<sub>2</sub>O overview This section shows values (left) and error (right) for N<sub>2</sub>O after binning individual sweep values over retrieved altitude and tangent latitude.



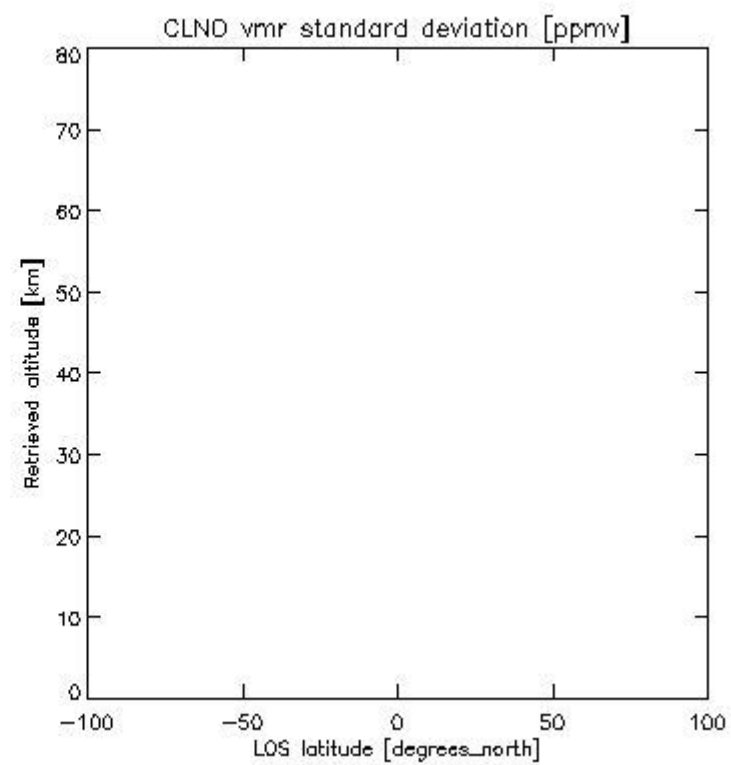
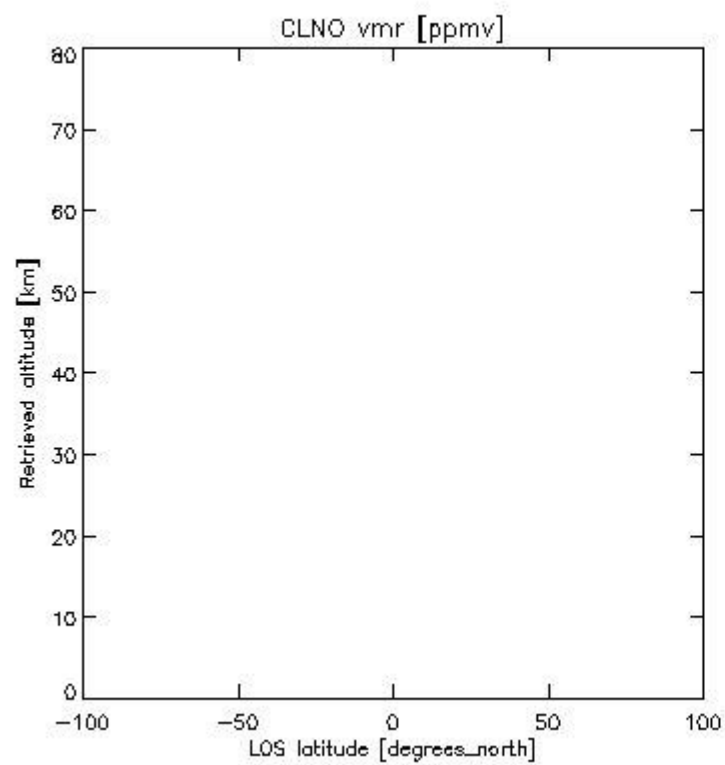
2.2.4.6 NO<sub>2</sub> overview This section shows values (left) and error (right) for NO<sub>2</sub> after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO<sub>2</sub> the bin heights are 6 km.

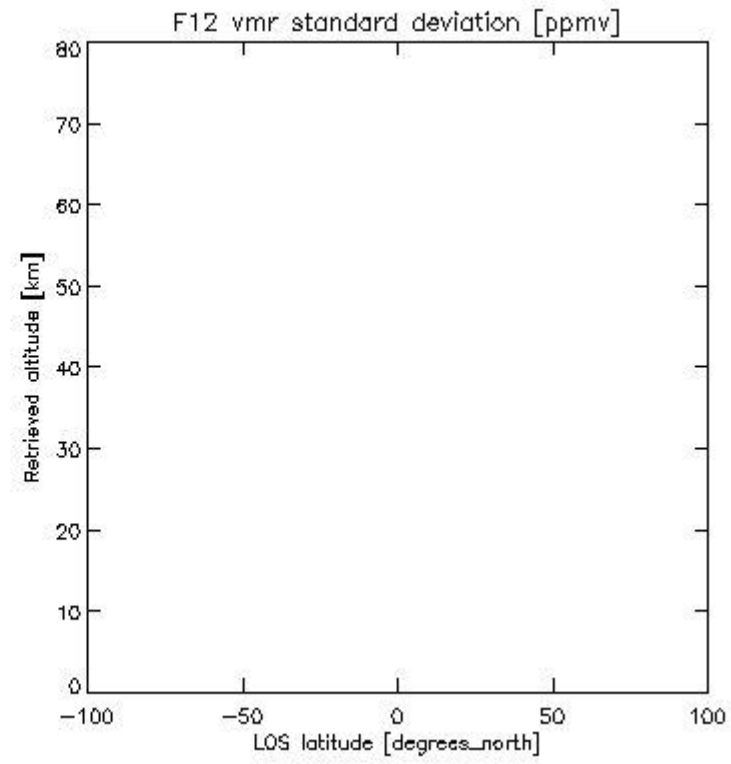
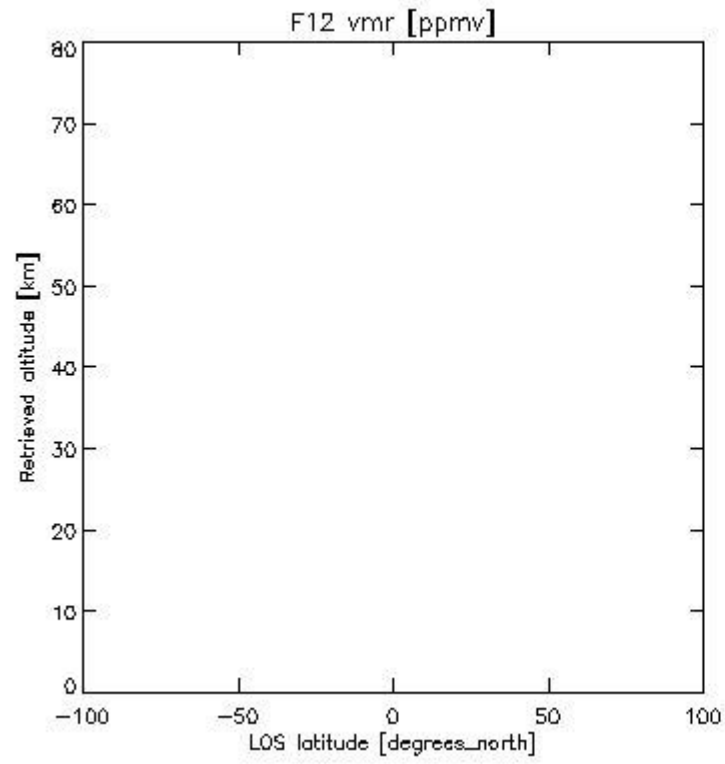
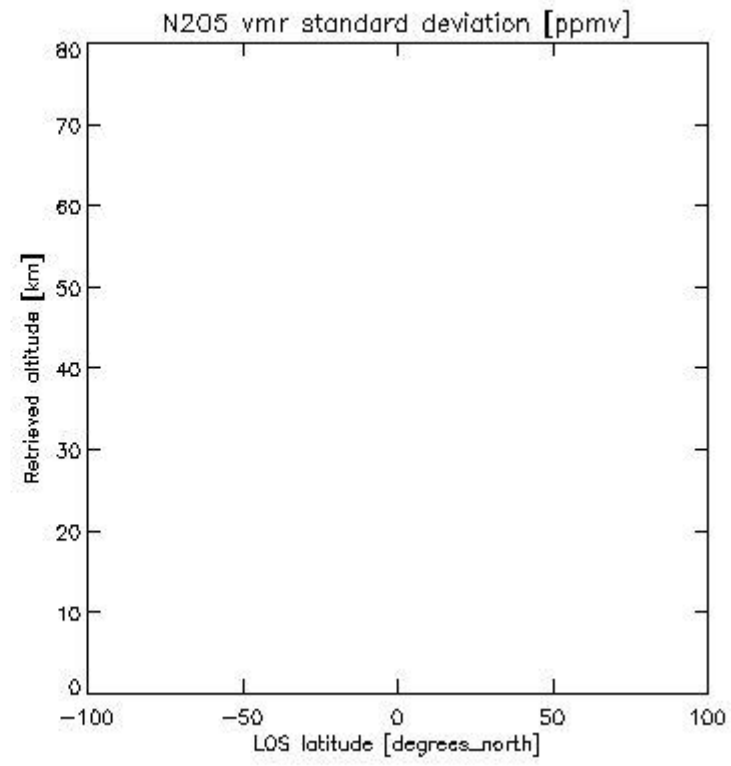
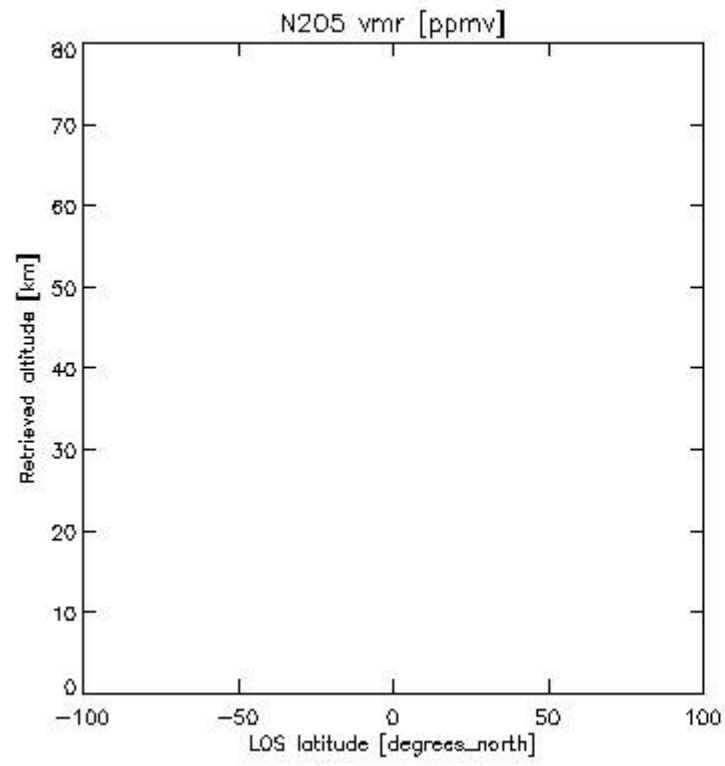


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.



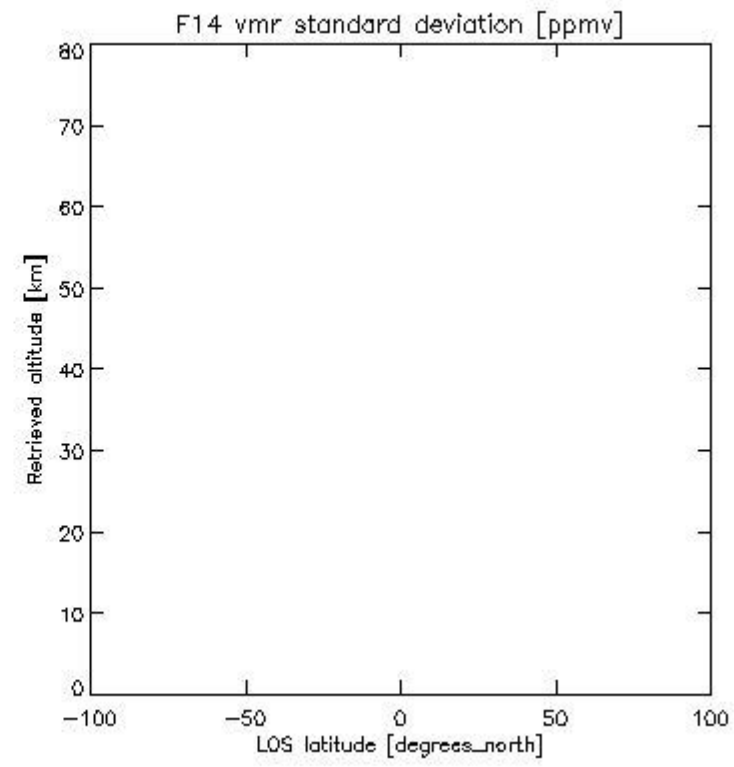
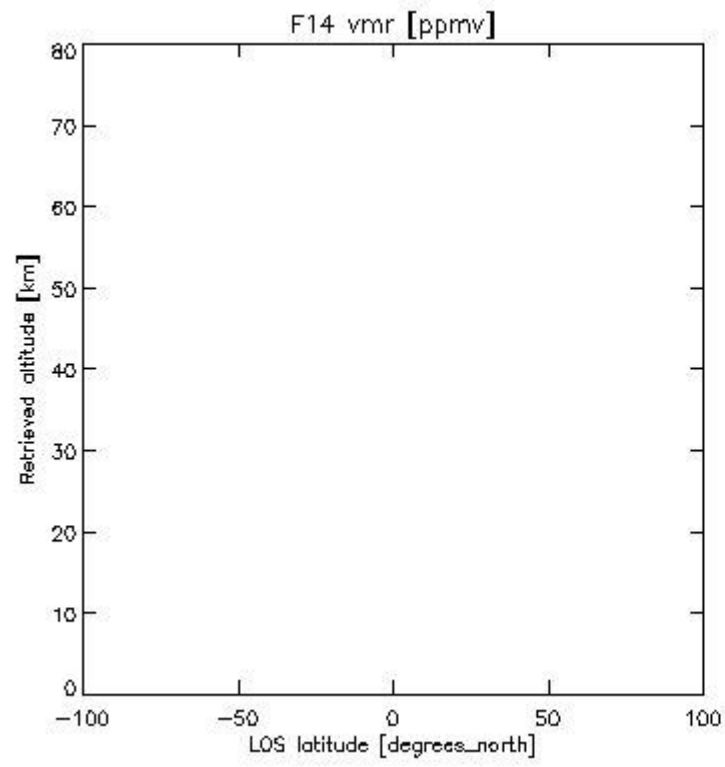
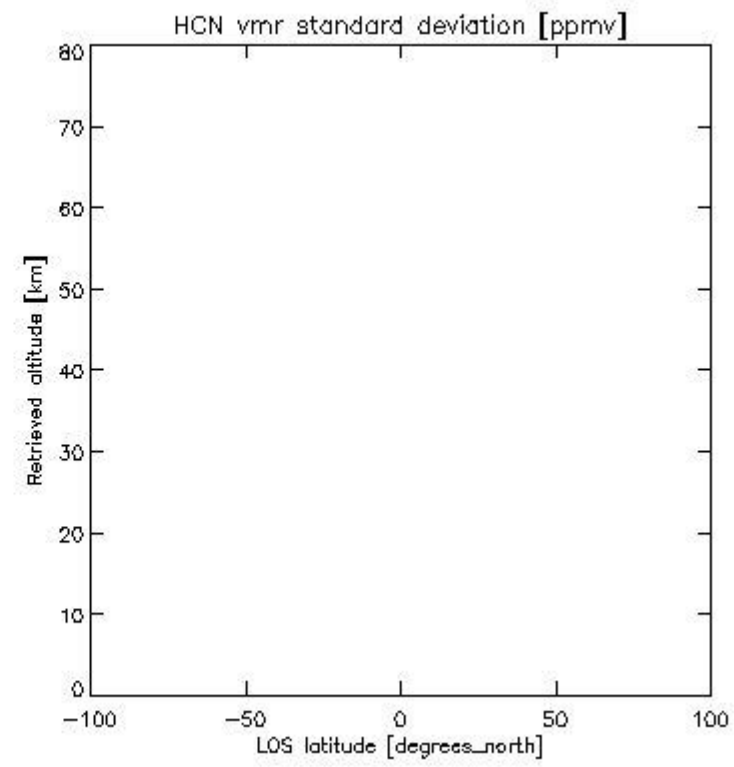
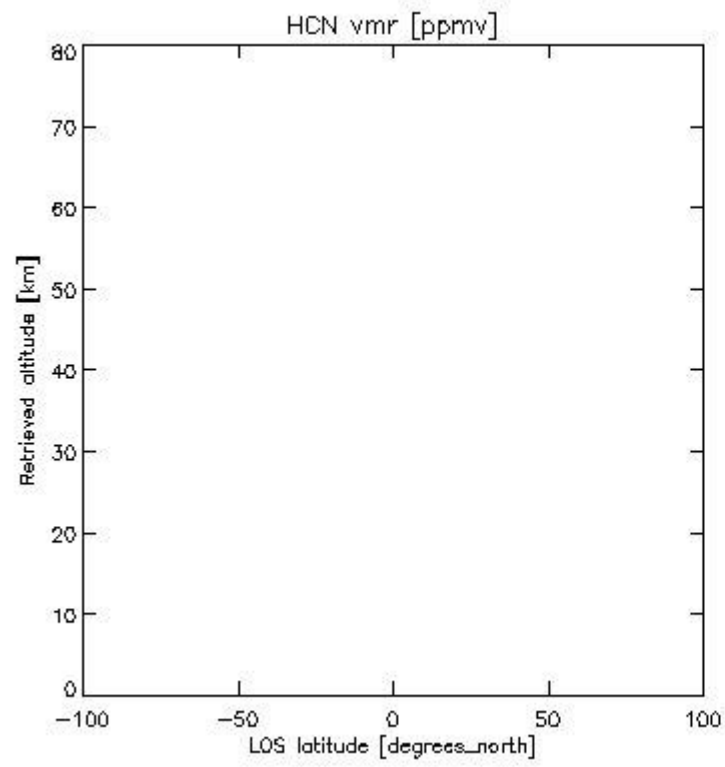
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

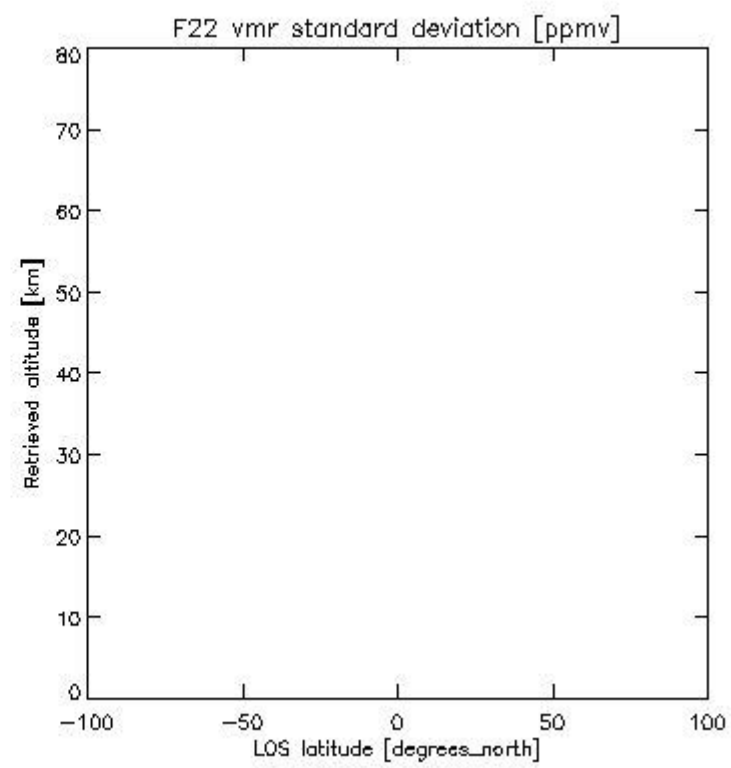
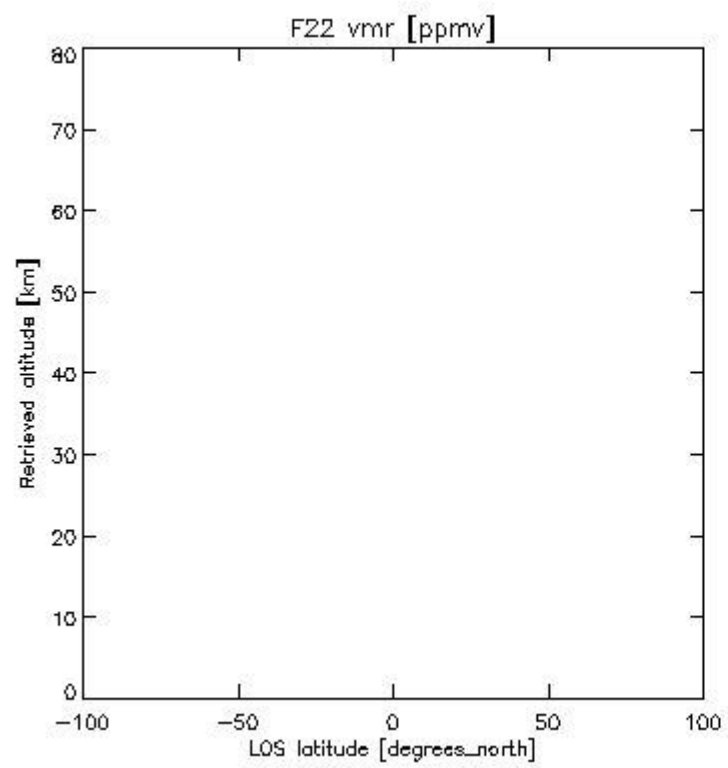












-----  
-----  
-----  
-----  
-----  
-----  
-----

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

