

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

(See [mipas\\_daily\\_report\\_level2\\_ML2PP\\_7\\_03\\_W\\_20050721.html](#) for a detailed report).

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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	20APR2016 13:57:43
Data source version	ML2PP/7.03-W
Processing scope for products	21JUL2005 00:00:00 to 22JUL2005 00:00:00
Start time of first product within scope	20JUL2005 23:57:41
Stop time of last product within scope	22JUL2005 01:01:03
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.

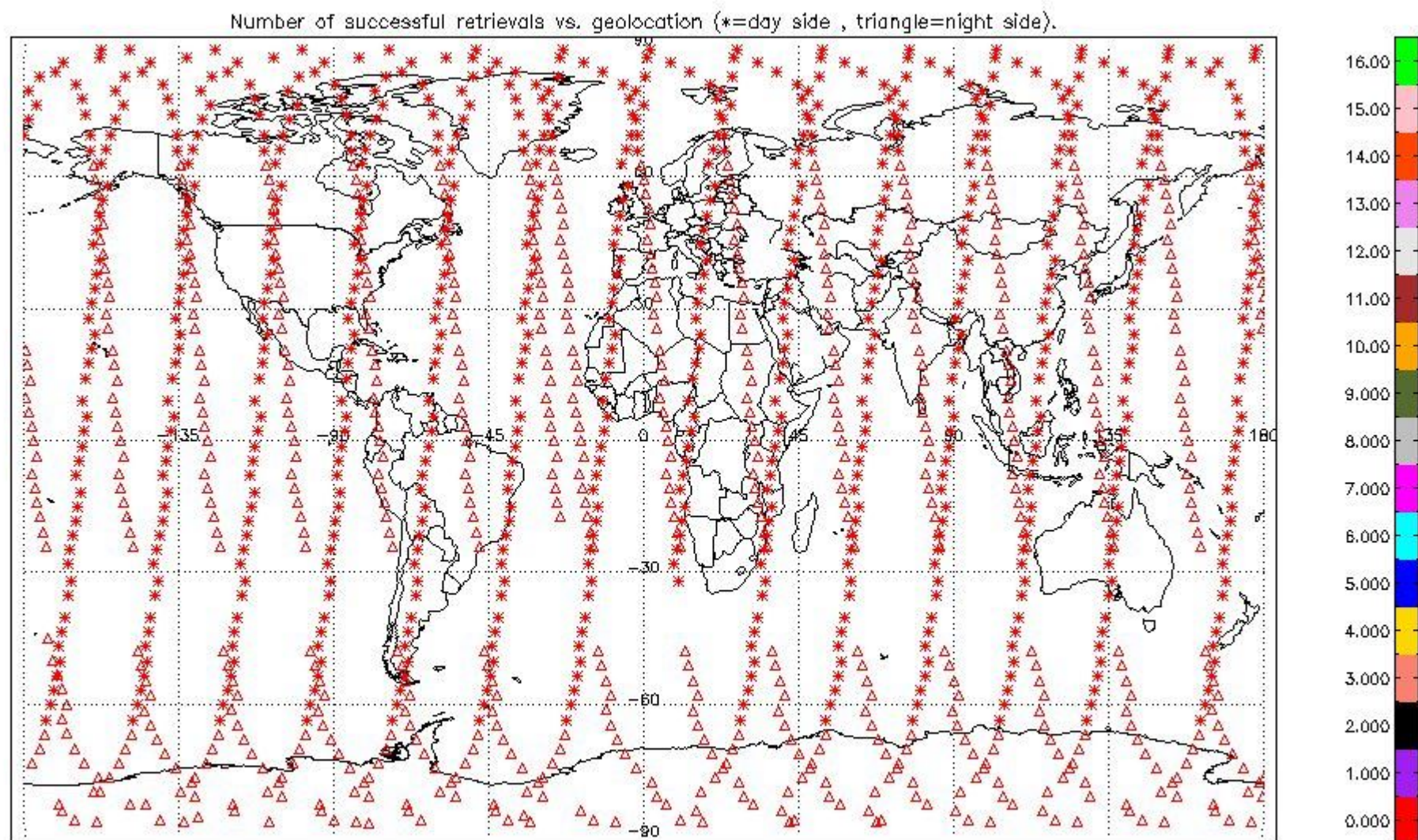
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20050720_235741_000056992039_00131_17720_1000.N1	20JUL2005 23:57:41	21JUL2005 01:32:40	0	98/98	
1	MIP_NL__2PWDSI20050721_013817_000056992039_00132_17721_1000.N1	21JUL2005 01:38:17	21JUL2005 03:13:16	0	98/98	
2	MIP_NL__2PWDSI20050721_031853_000056992039_00133_17722_1000.N1	21JUL2005 03:18:53	21JUL2005 04:53:52	0	98/98	
3	MIP_NL__2PWDSI20050721_045929_000056992039_00134_17723_1000.N1	21JUL2005 04:59:29	21JUL2005 06:34:28	0	98/98	
4	MIP_NL__2PWDSI20050721_064005_000056992039_00135_17724_1000.N1	21JUL2005 06:40:05	21JUL2005 08:15:04	0	98/98	
5	MIP_NL__2PWDSI20050721_082041_000057502039_00136_17725_1000.N1	21JUL2005 08:20:41	21JUL2005 09:56:30	0	84/84	
6	MIP_NL__2PWDSI20050721_100117_000056992039_00137_17726_1000.N1	21JUL2005 10:01:17	21JUL2005 11:36:16	0	98/98	
7	MIP_NL__2PWDSI20050721_114152_000056992039_00138_17727_1000.N1	21JUL2005 11:41:52	21JUL2005 13:16:51	0	98/98	
8	MIP_NL__2PWDSI20050721_132228_000056992039_00139_17728_1000.N1	21JUL2005 13:22:28	21JUL2005 14:57:27	0	98/98	
9	MIP_NL__2PWDSI20050721_150304_000056992039_00140_17729_1000.N1	21JUL2005 15:03:04	21JUL2005 16:38:03	0	98/98	
10	MIP_NL__2PWDSI20050721_164340_000056992039_00141_17730_1000.N1	21JUL2005 16:43:40	21JUL2005 18:18:39	0	98/98	
11	MIP_NL__2PWDSI20050721_182416_000056992039_00142_17731_1000.N1	21JUL2005 18:24:16	21JUL2005 19:59:15	0	98/98	
12	MIP_NL__2PWDSI20050721_200452_000056992039_00143_17732_1000.N1	21JUL2005 20:04:52	21JUL2005 21:39:51	0	98/98	
13	MIP_NL__2PWDSI20050721_214528_000056992039_00144_17733_1000.N1	21JUL2005 21:45:28	21JUL2005 23:20:27	0	98/98	
14	MIP_NL__2PWDSI20050721_232604_000056992039_00145_17734_1000.N1	21JUL2005 23:26:04	22JUL2005 01:01:03	0	98/98	

## 2.2 Processing performance indicators

## 2.2.1 Successful retrievals

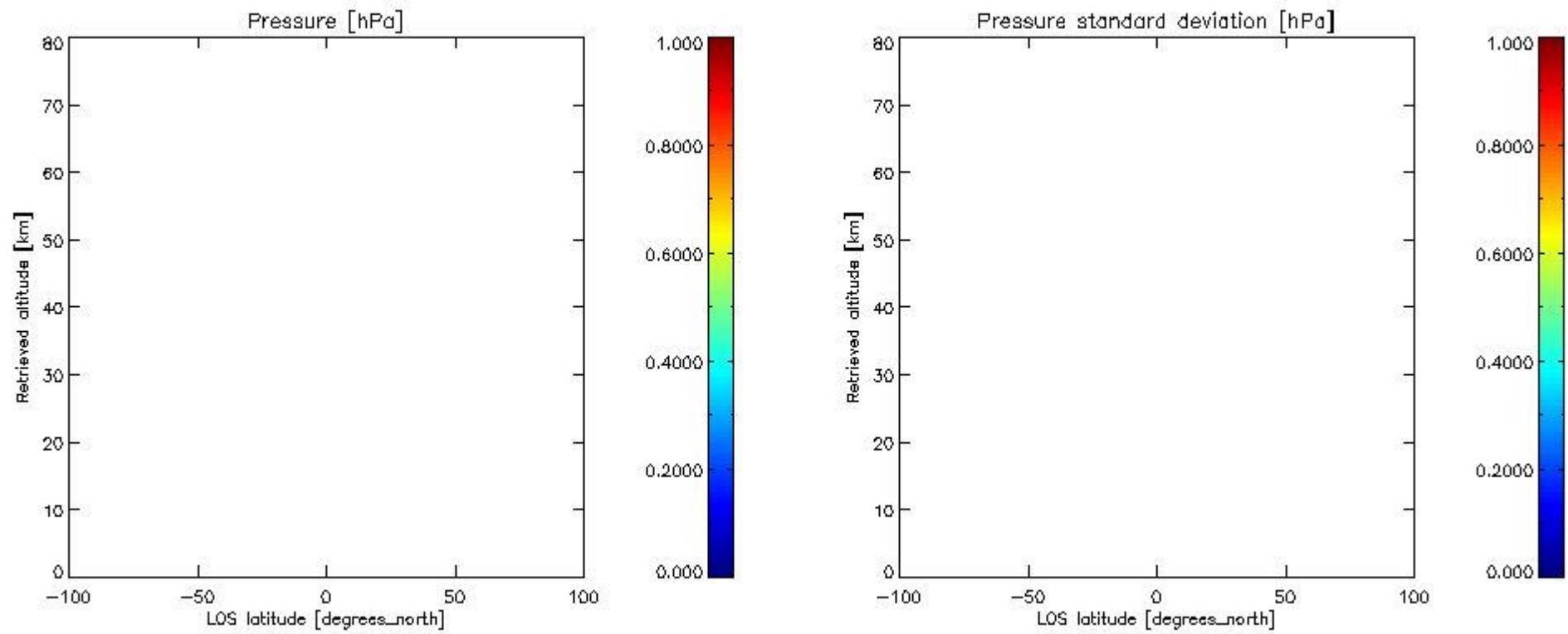
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1456	0	0.0000
H2O	1456	0	0.0000
O3	1456	0	0.0000
HNO3	1456	0	0.0000
CH4	1456	0	0.0000
N2O	1456	0	0.0000
NO2	1456	0	0.0000
F11	1456	0	0.0000
CLNO	1456	0	0.0000
N2O5	1456	0	0.0000
F12	1456	0	0.0000
COF2	1456	0	0.0000
CCL4	1456	0	0.0000
HCN	1456	0	0.0000
F14	1456	0	0.0000
F22	1456	0	0.0000



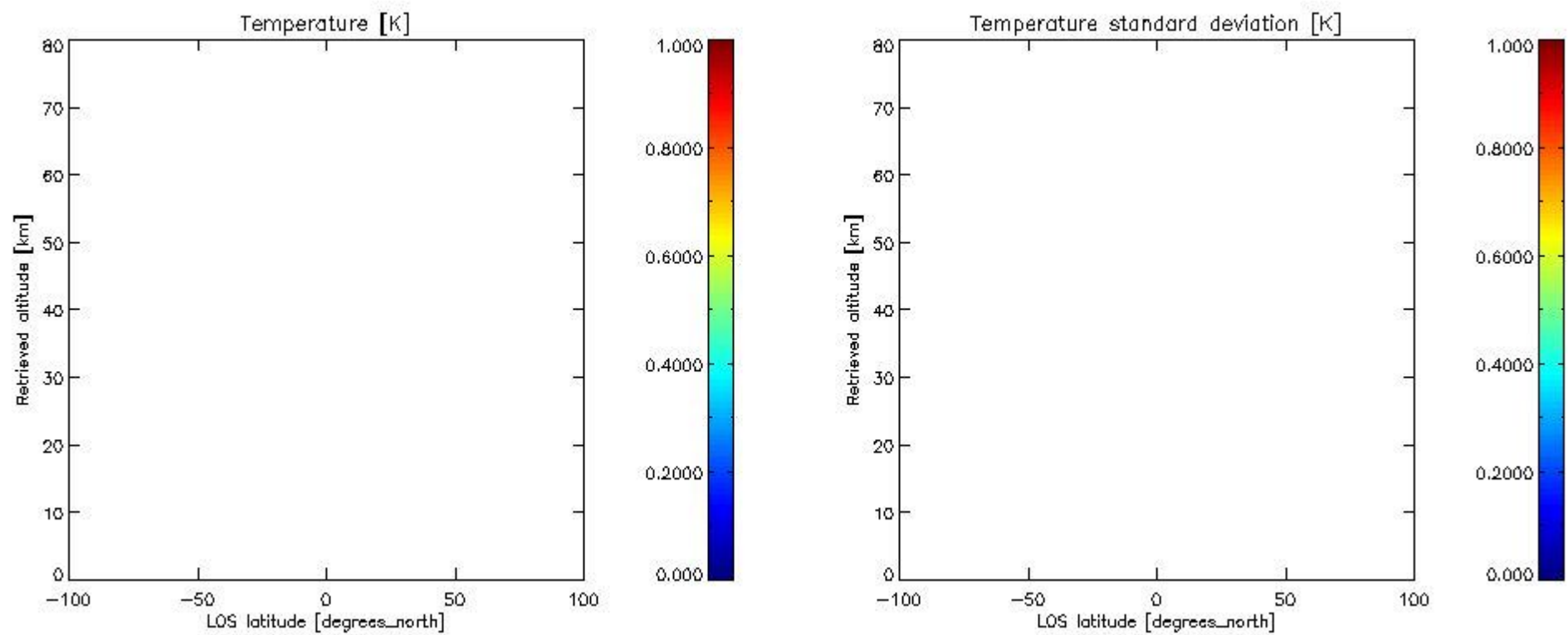
## 2.2.2 Pressure overview

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



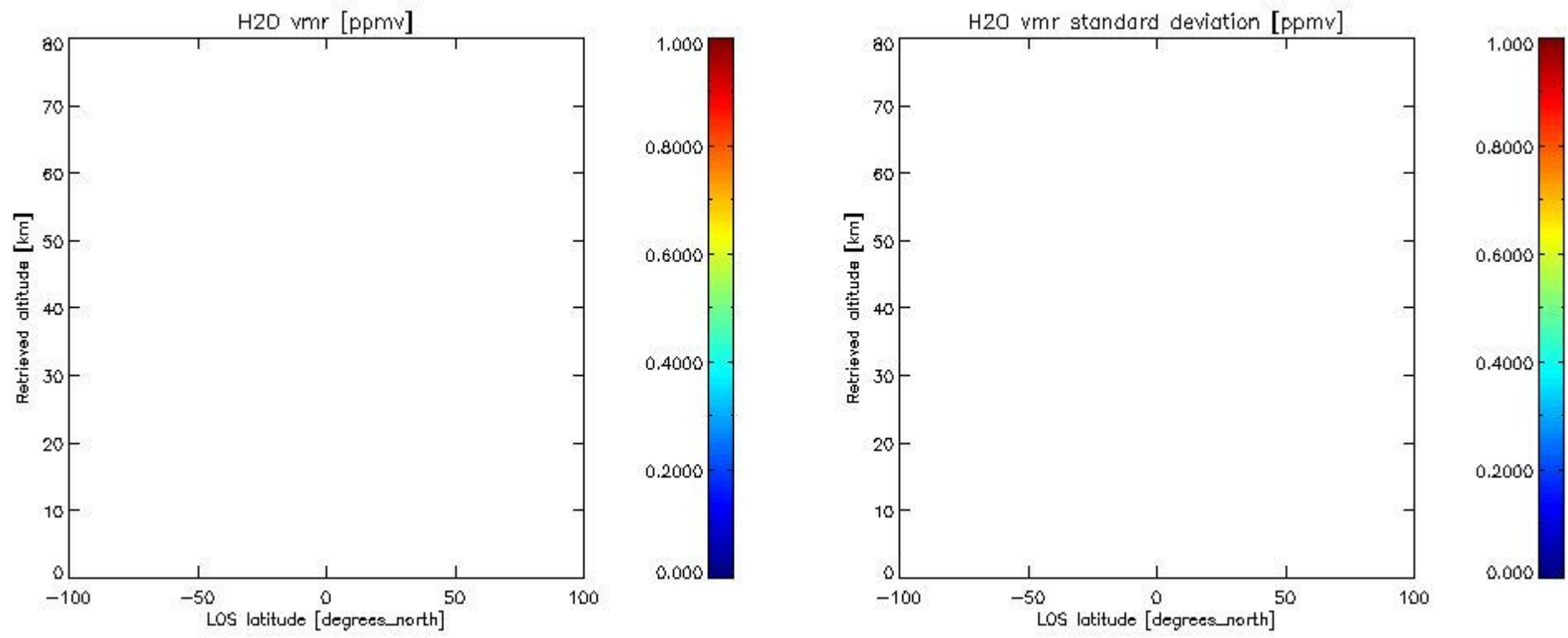
### 2.2.3 Temperature overview

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

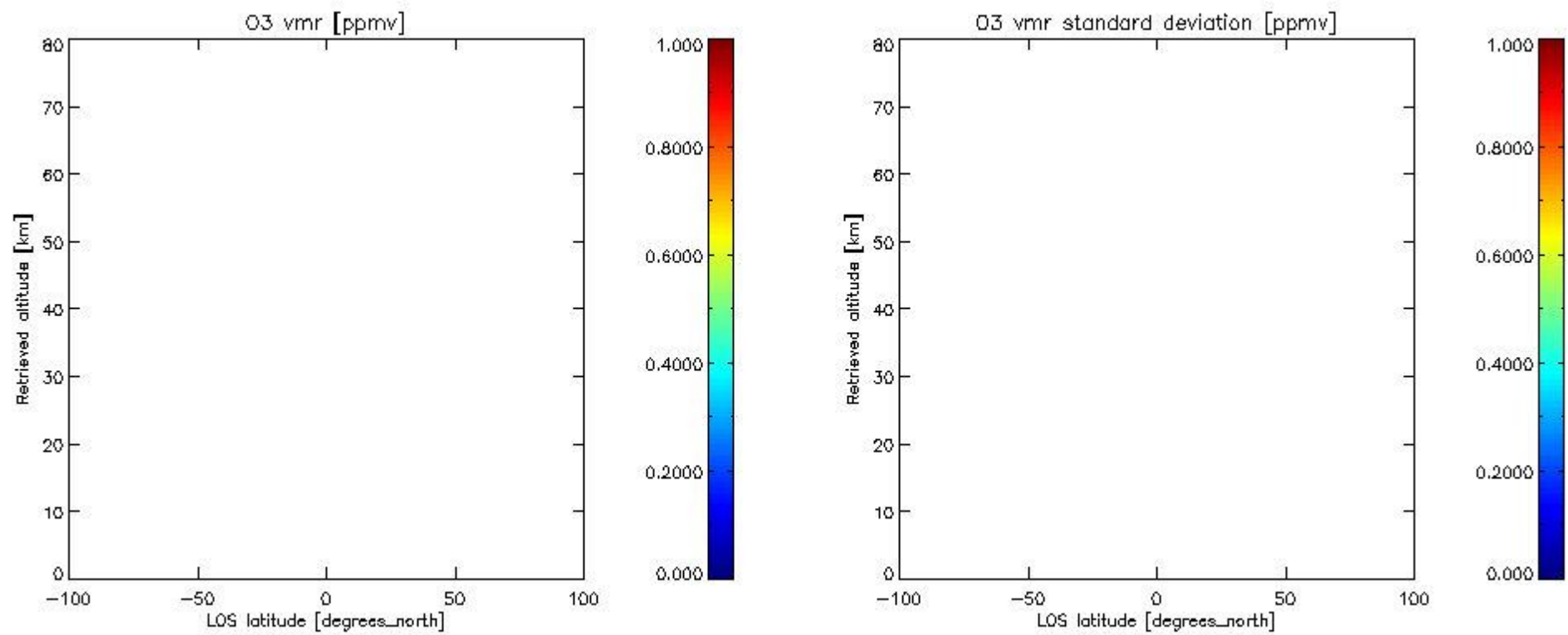


### 2.2.4 Species overview

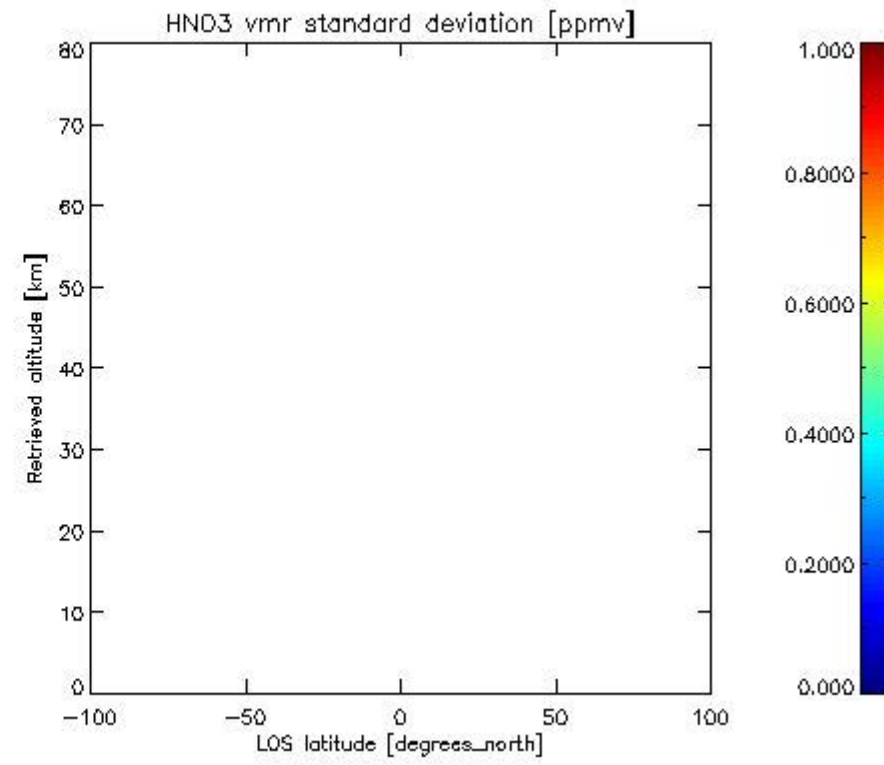
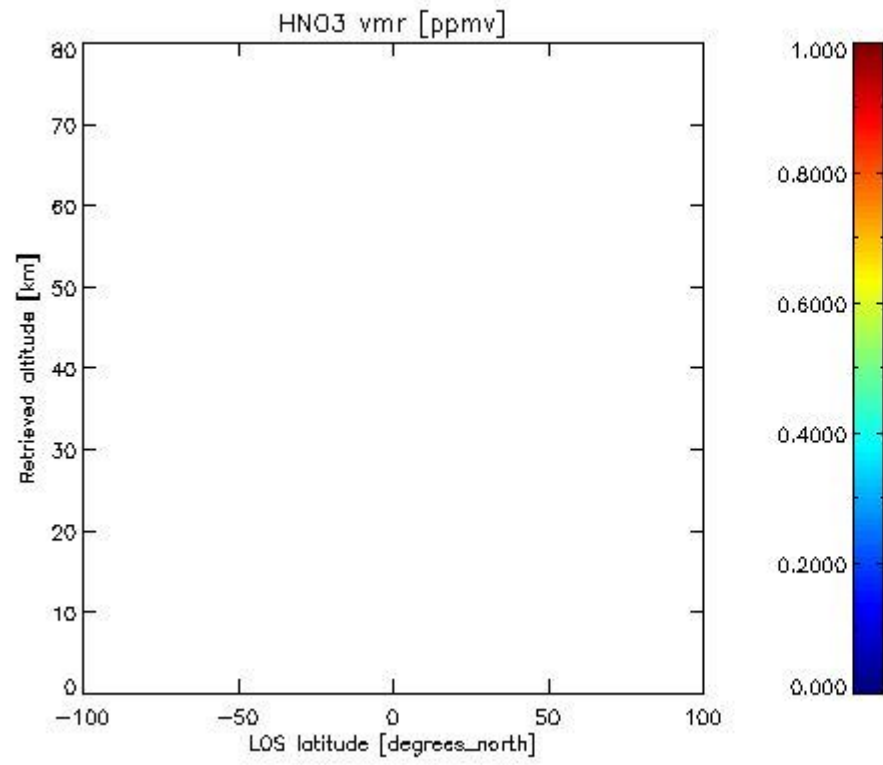
**2.2.4.1 H2O overview** This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



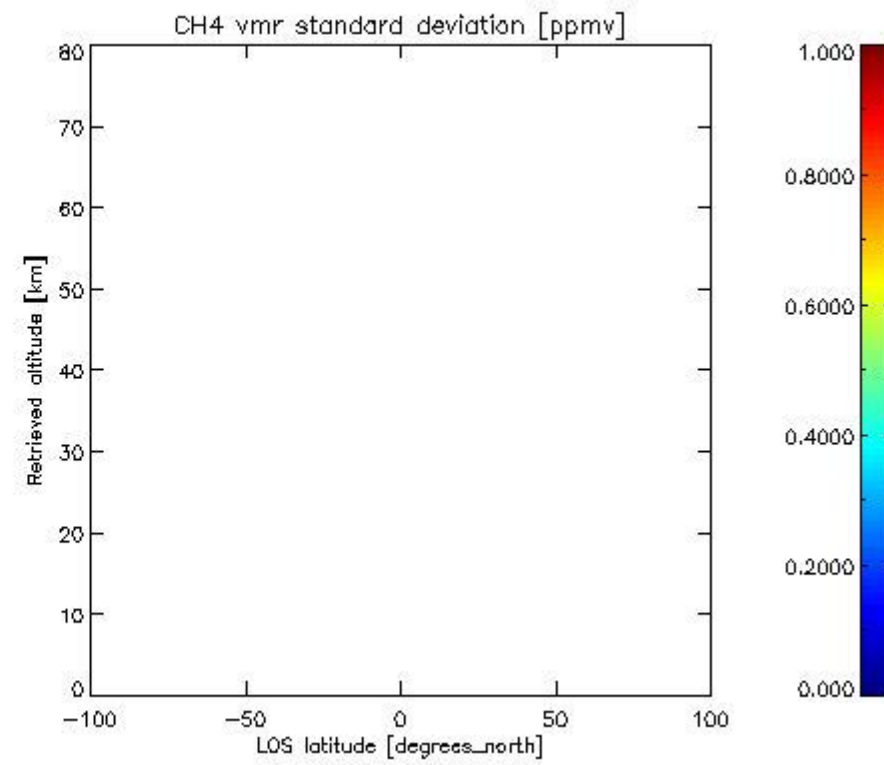
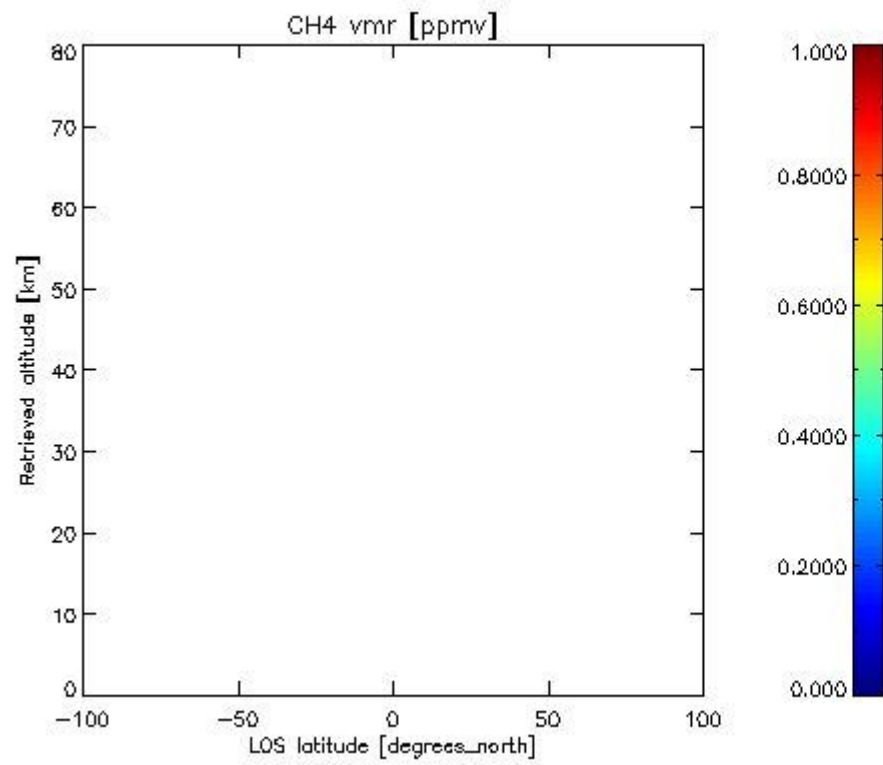
**2.2.4.2 O<sub>3</sub> overview** This section shows values (left) and error (right) for O<sub>3</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



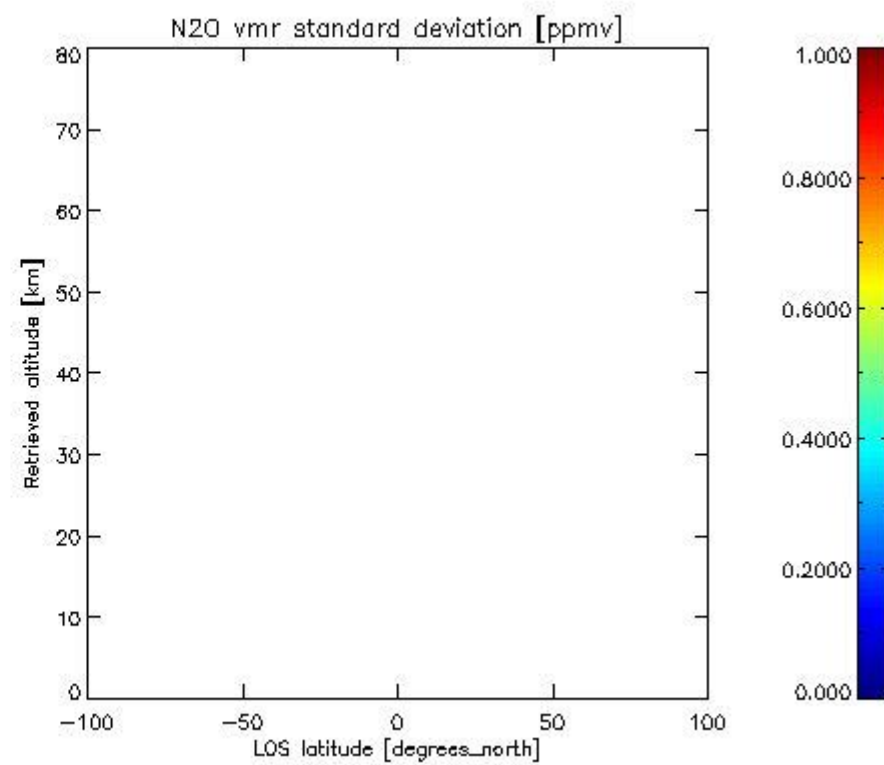
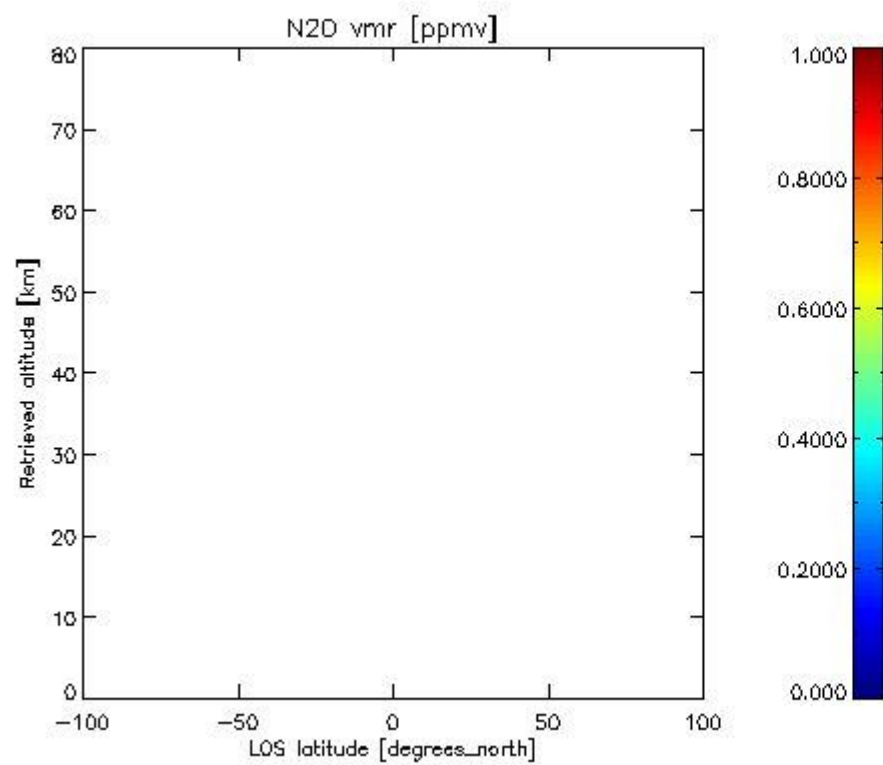
**2.2.4.3 HNO<sub>3</sub> overview** This section shows values (left) and error (right) for HNO<sub>3</sub> after binning individual sweep values over retrieved altitude and tangent latitude.



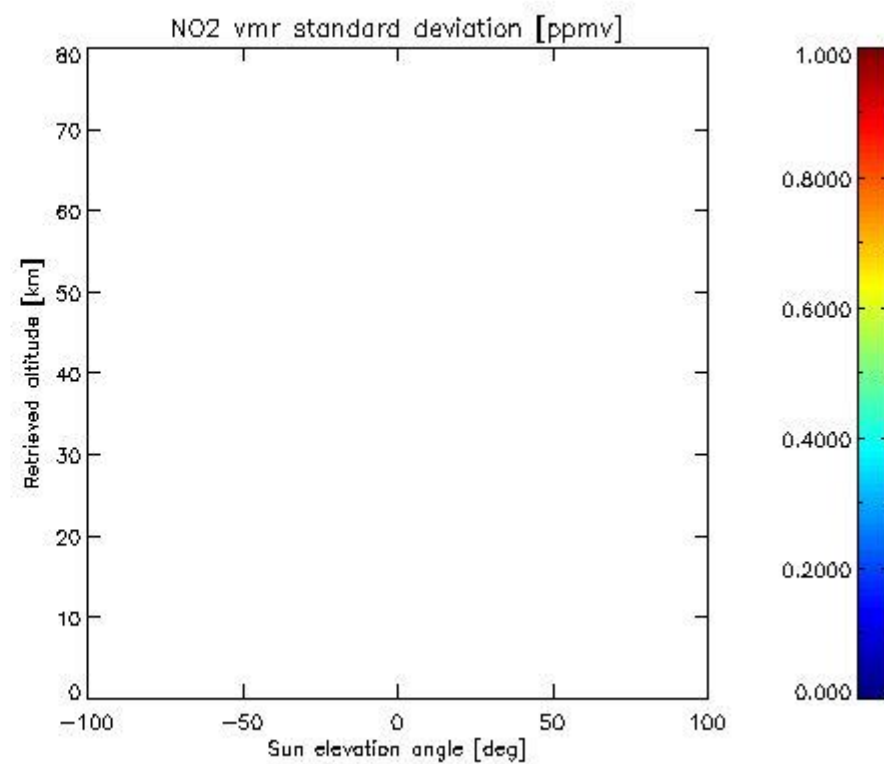
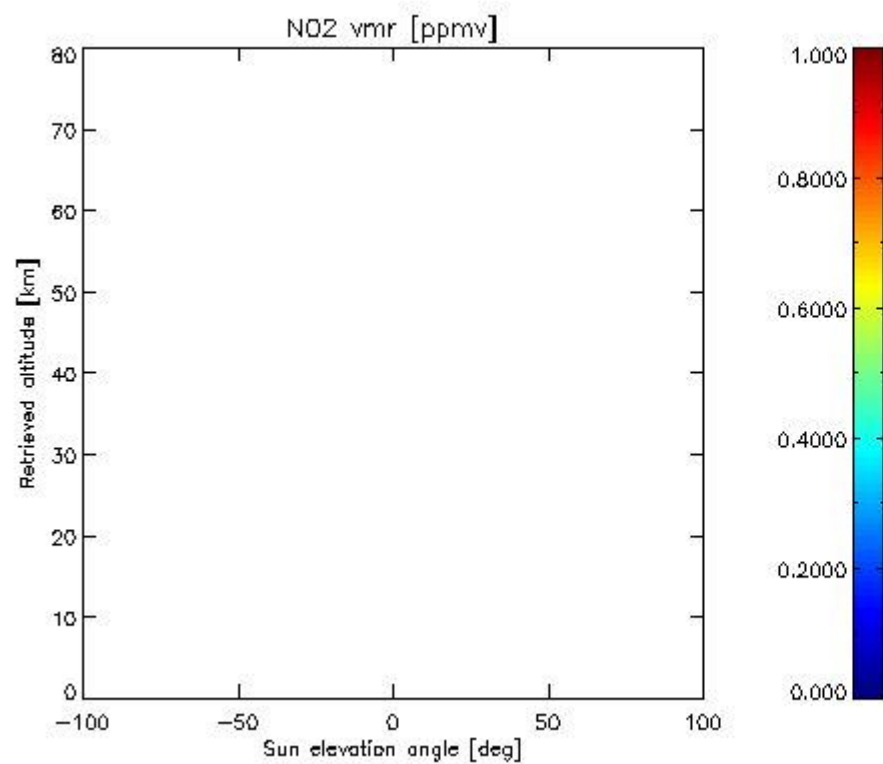
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



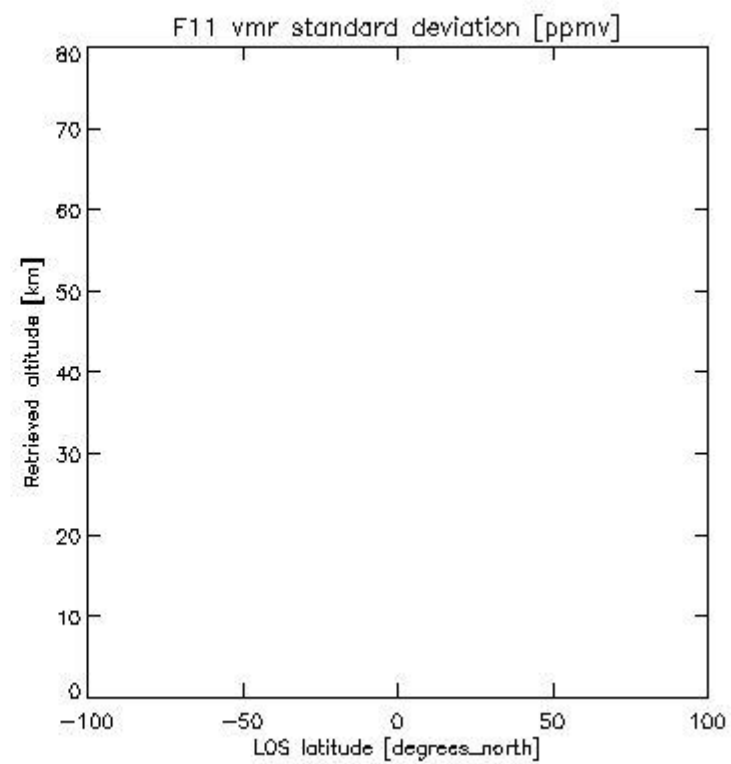
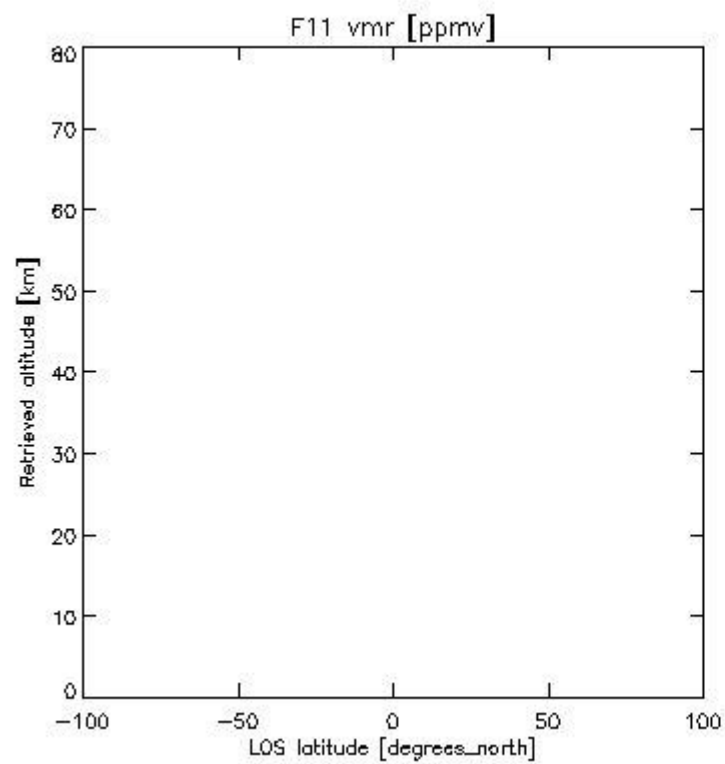
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



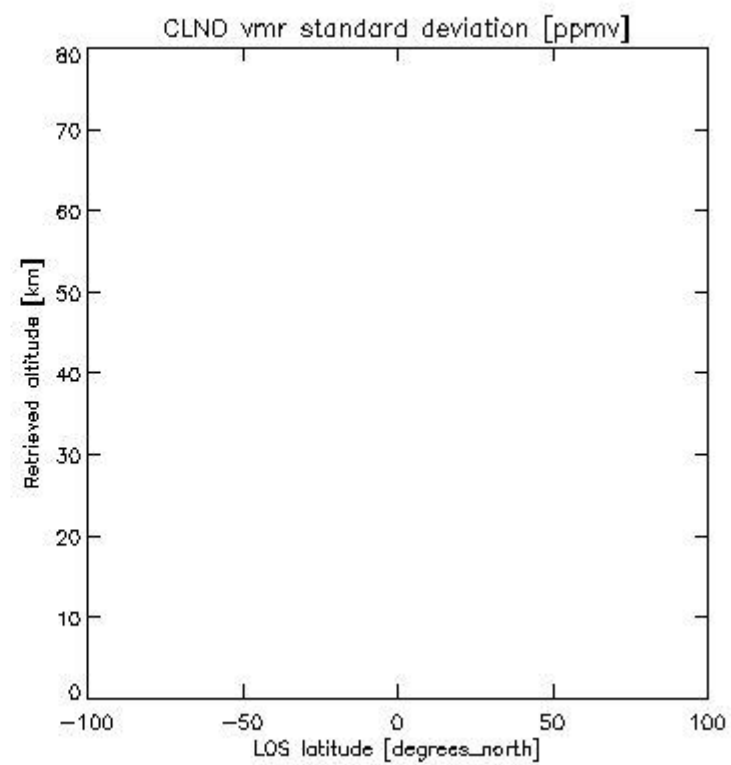
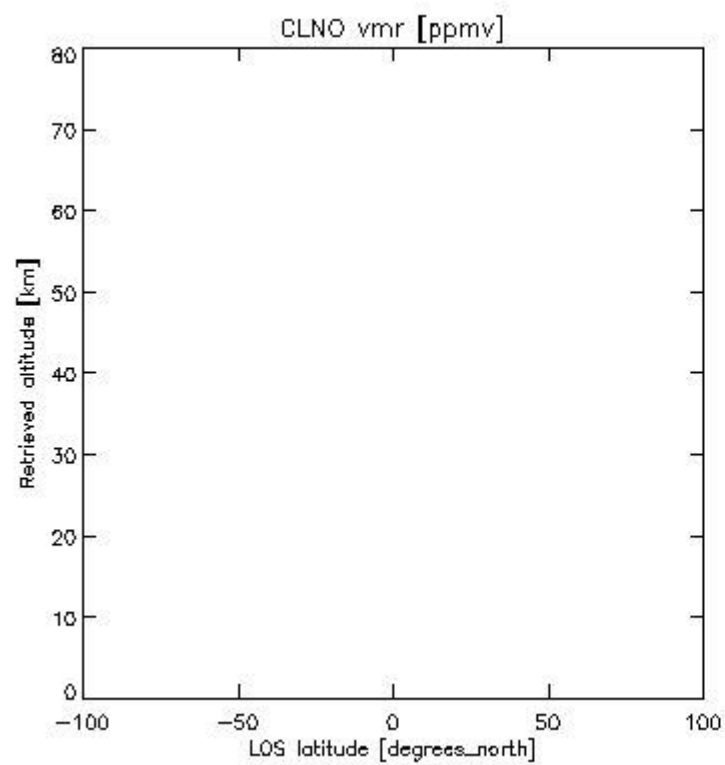
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 6 km.

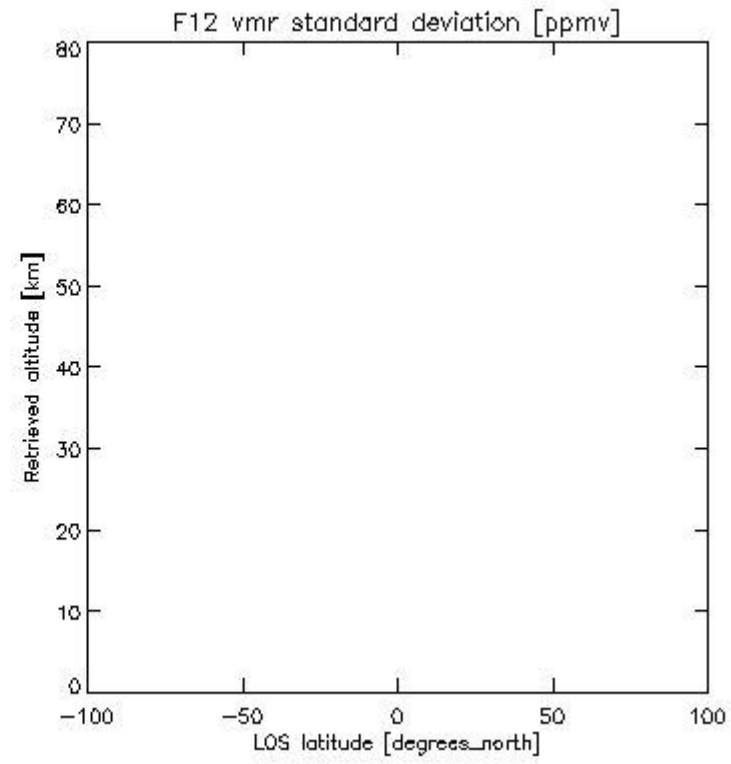
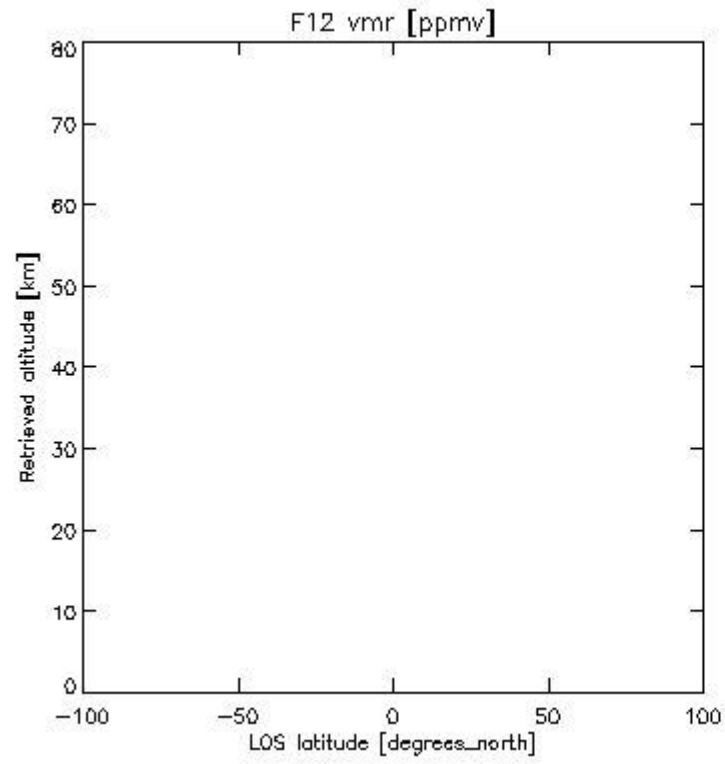
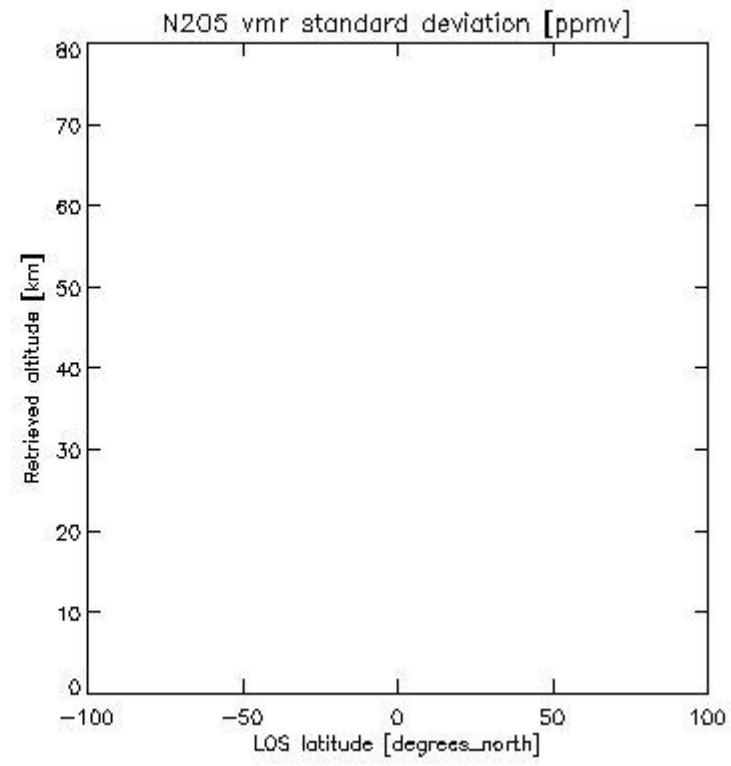
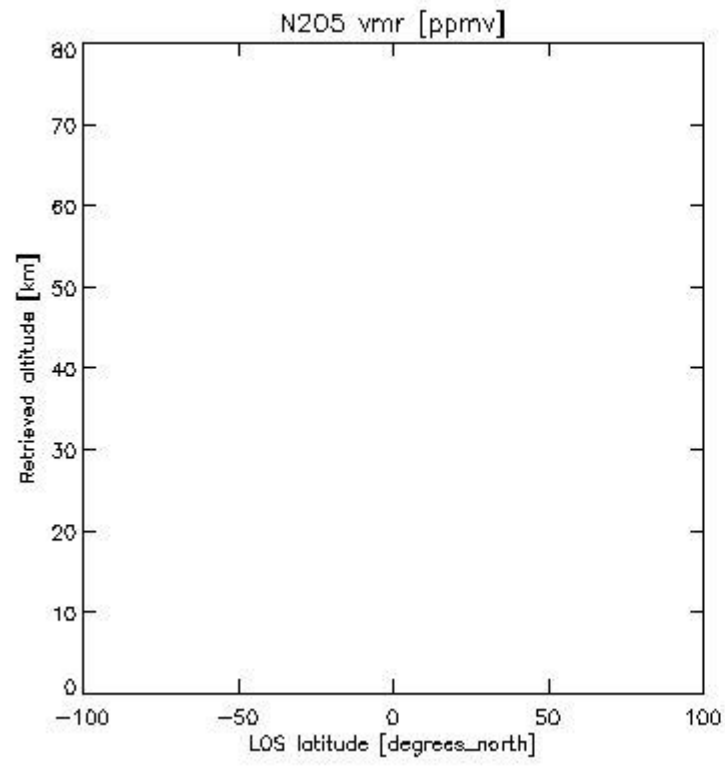


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

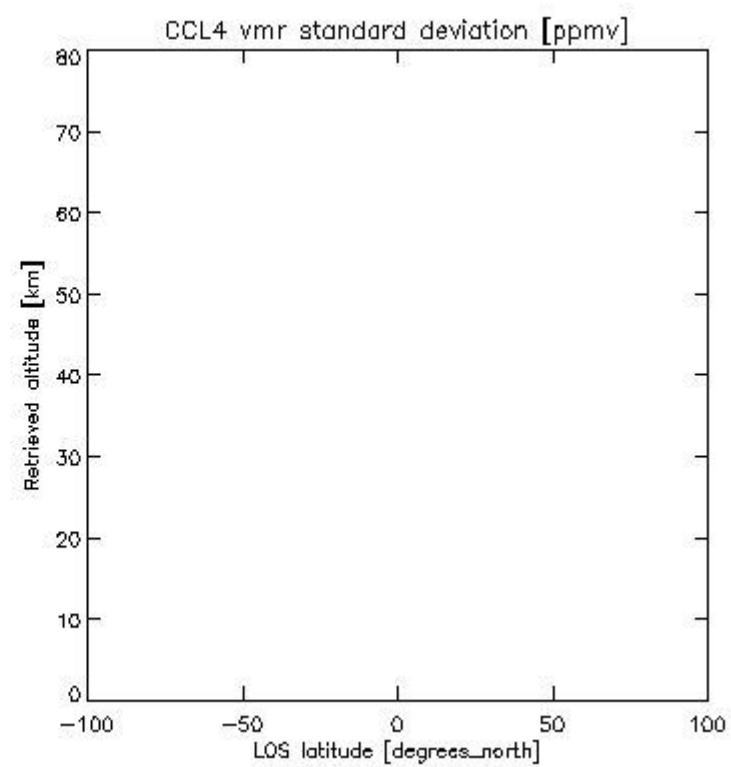
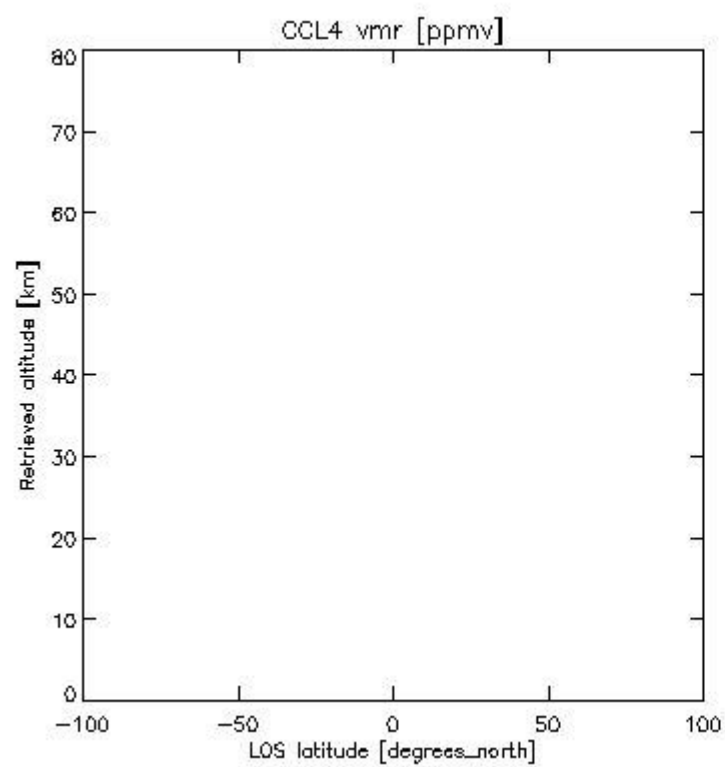
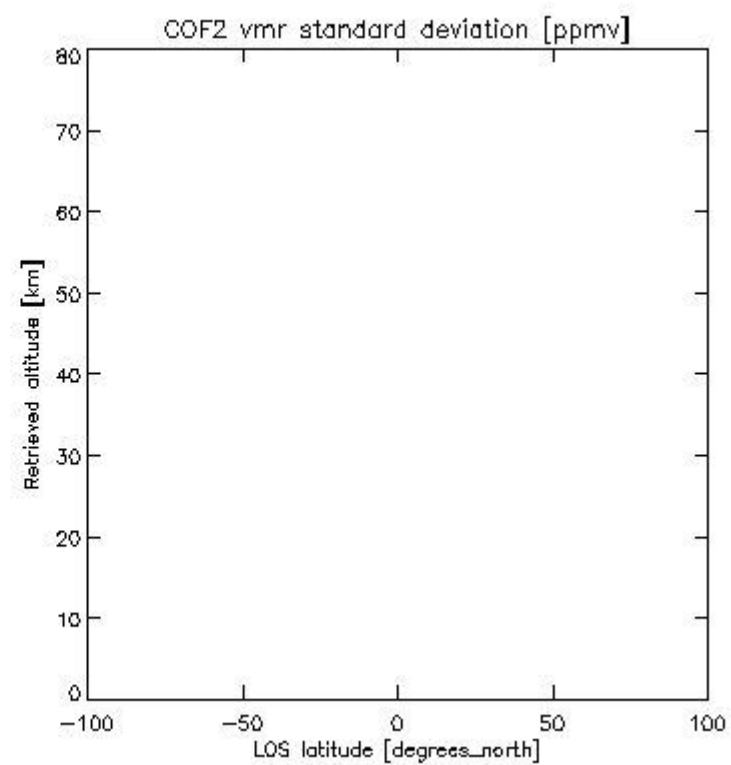
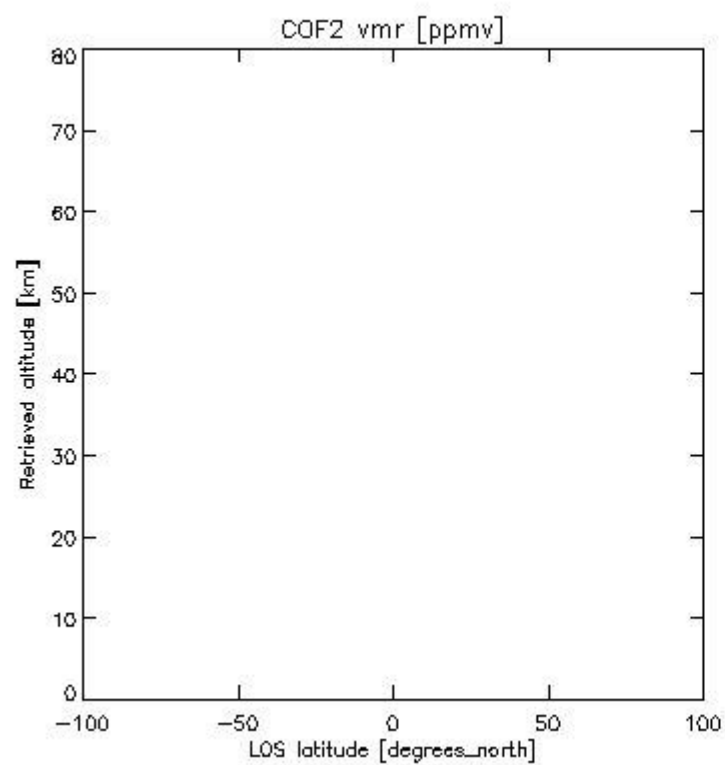


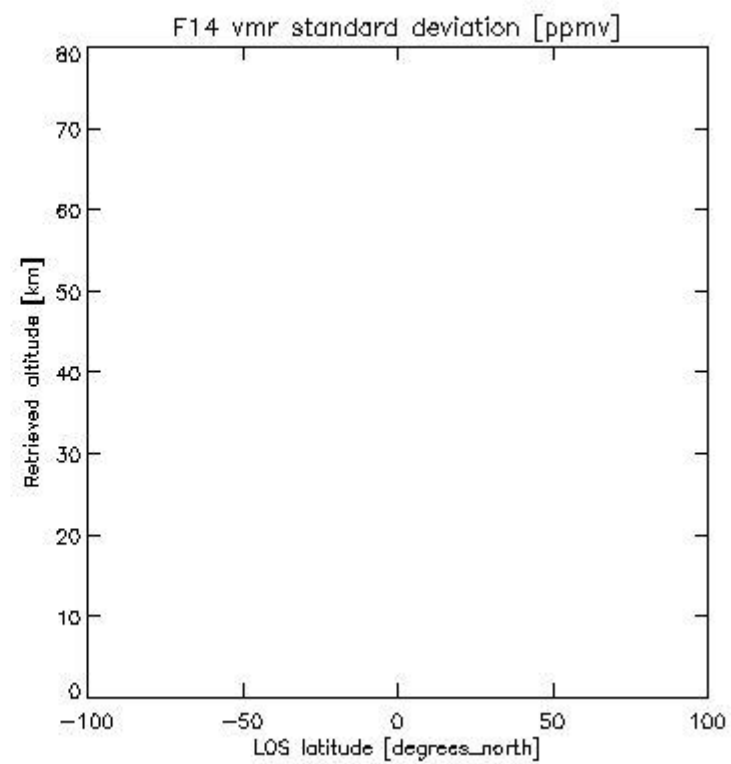
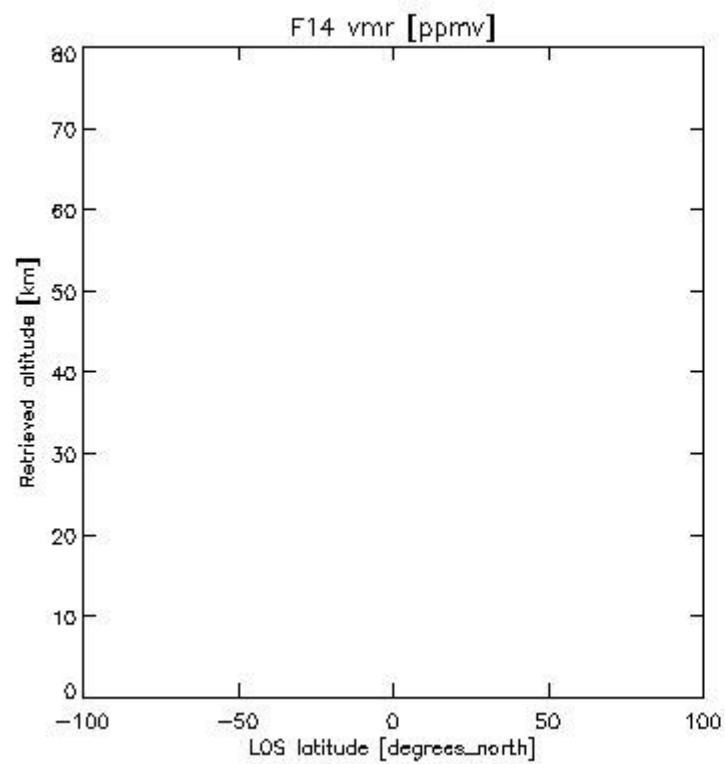
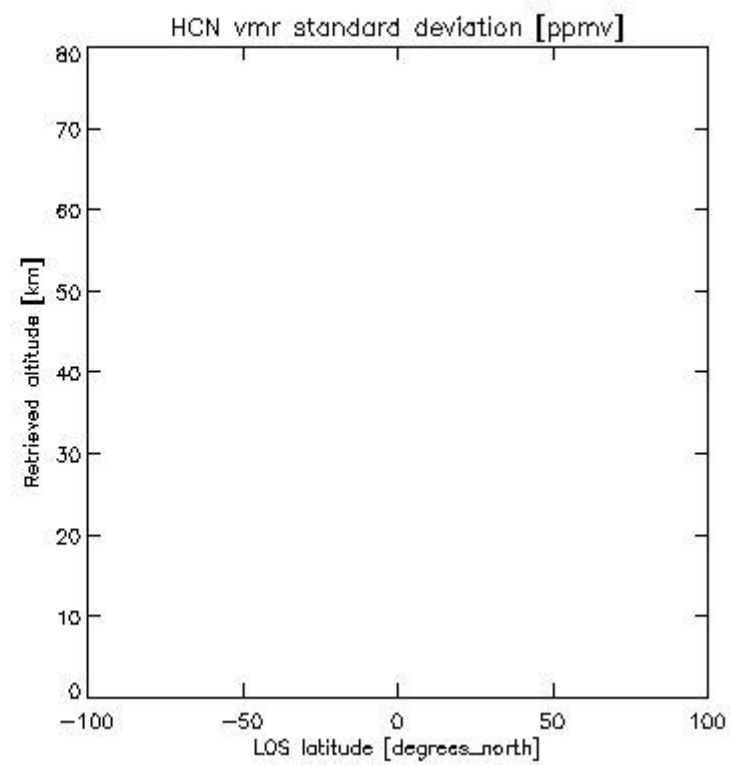
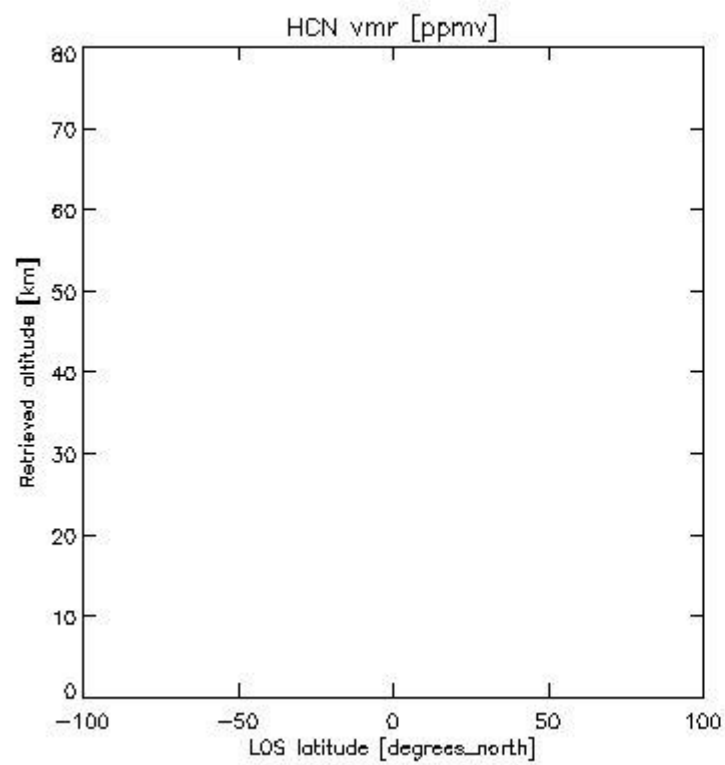
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.

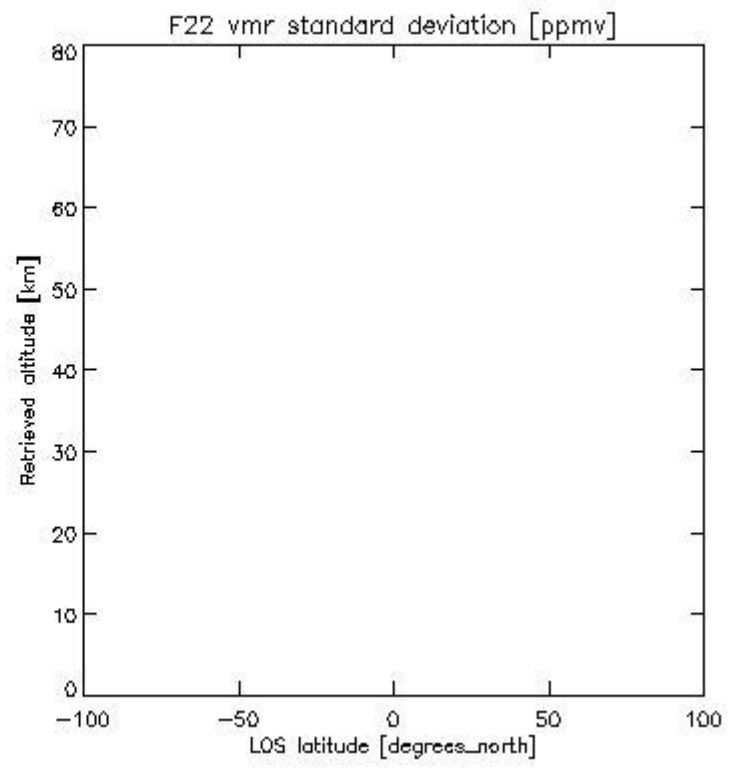
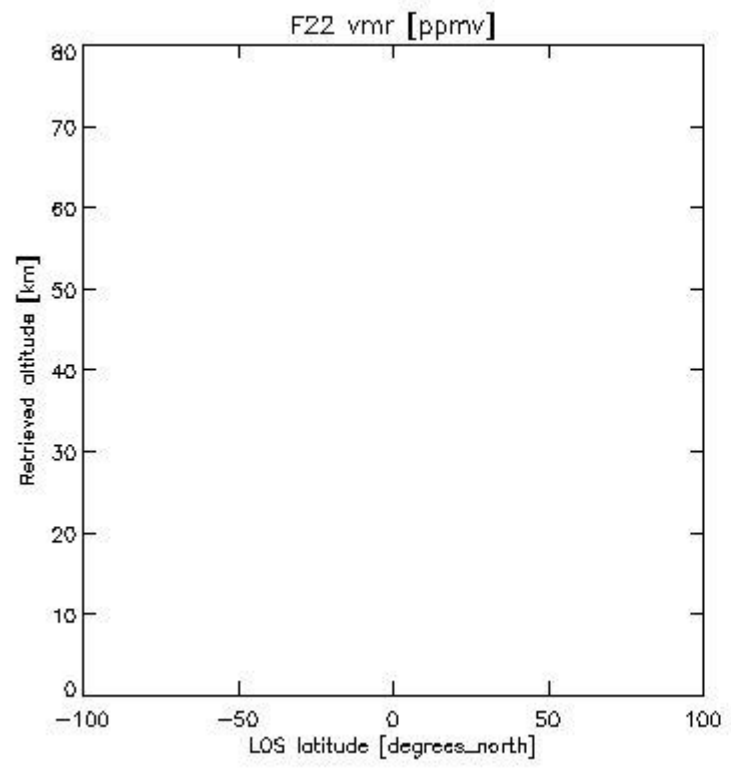












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Number of successful retrievals vs. geolocation (\*=day side , triangle=night side).

