

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050117.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	20APR2016 08:23:30
Data source version	ML2PP/7.03-W
Processing scope for products	17JAN2005 00:00:00 to 18JAN2005 00:00:00
Start time of first product within scope	16JAN2005 22:31:51
Stop time of last product within scope	18JAN2005 01:21:07
Total number of level 2 products	13
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.

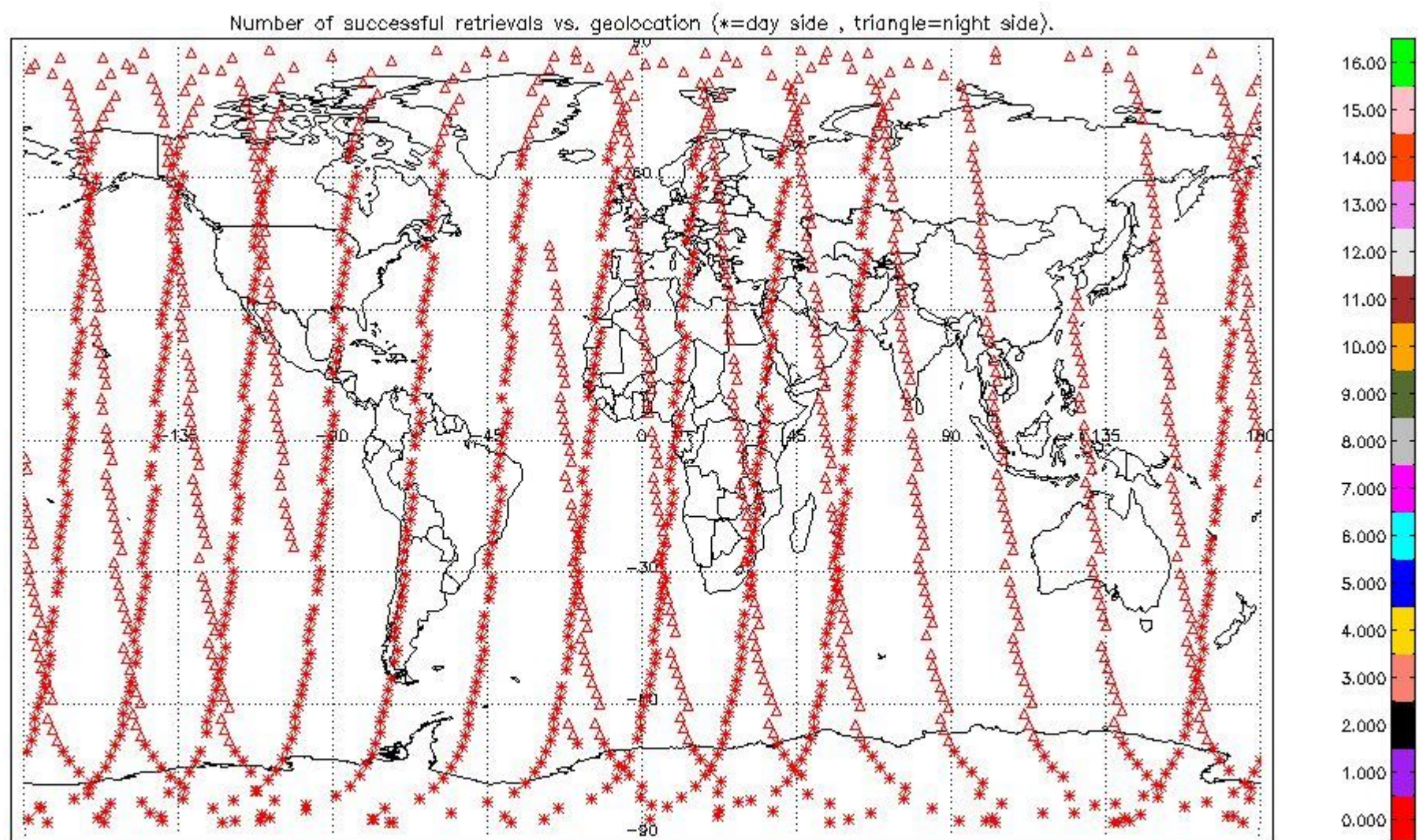
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20050116_223151_000057112033_00488_15071_1000.N1	16JAN2005 22:31:51	17JAN2005 00:07:02	0	125/125	
1	MIP_NL__2PWDSI20050117_051401_000060382033_00492_15075_1000.N1	17JAN2005 05:14:01	17JAN2005 06:54:39	0	139/139	
2	MIP_NL__2PWDSI20050117_065445_000060082033_00493_15076_1000.N1	17JAN2005 06:54:45	17JAN2005 08:34:53	0	139/139	
3	MIP_NL__2PWDSI20050117_083500_000060502033_00494_15077_1000.N1	17JAN2005 08:35:00	17JAN2005 10:15:50	0	140/140	
4	MIP_NL__2PWDSI20050117_101556_000060382033_00495_15078_1000.N1	17JAN2005 10:15:56	17JAN2005 11:56:34	0	139/139	
5	MIP_NL__2PWDSI20050117_115640_000060092033_00496_15079_1000.N1	17JAN2005 11:56:40	17JAN2005 13:36:49	0	139/139	
6	MIP_NL__2PWDSI20050117_133655_000060212033_00497_15080_1000.N1	17JAN2005 13:36:55	17JAN2005 15:17:16	0	119/119	
7	MIP_NL__2PWDSI20050117_151722_000060502033_00498_15081_1000.N1	17JAN2005 15:17:22	17JAN2005 16:58:13	0	140/140	
8	MIP_NL__2PWDSI20050117_165819_000060092033_00499_15082_1000.N1	17JAN2005 16:58:19	17JAN2005 18:38:28	0	139/139	
9	MIP_NL__2PWDSI20050117_183834_000060382033_00500_15083_1000.N1	17JAN2005 18:38:34	17JAN2005 20:19:12	0	139/139	
10	MIP_NL__2PWDSI20050117_201918_000060502033_00501_15084_1000.N1	17JAN2005 20:19:18	17JAN2005 22:00:08	0	140/140	
11	MIP_NL__2PWDSI20050117_220015_000060082034_00001_15085_1000.N1	17JAN2005 22:00:15	17JAN2005 23:40:23	0	139/139	
12	MIP_NL__2PWDSI20050117_234029_000060382034_00002_15086_1000.N1	17JAN2005 23:40:29	18JAN2005 01:21:07	0	139/139	

2.2 Processing performance indicators

2.2.1 Successful retrievals

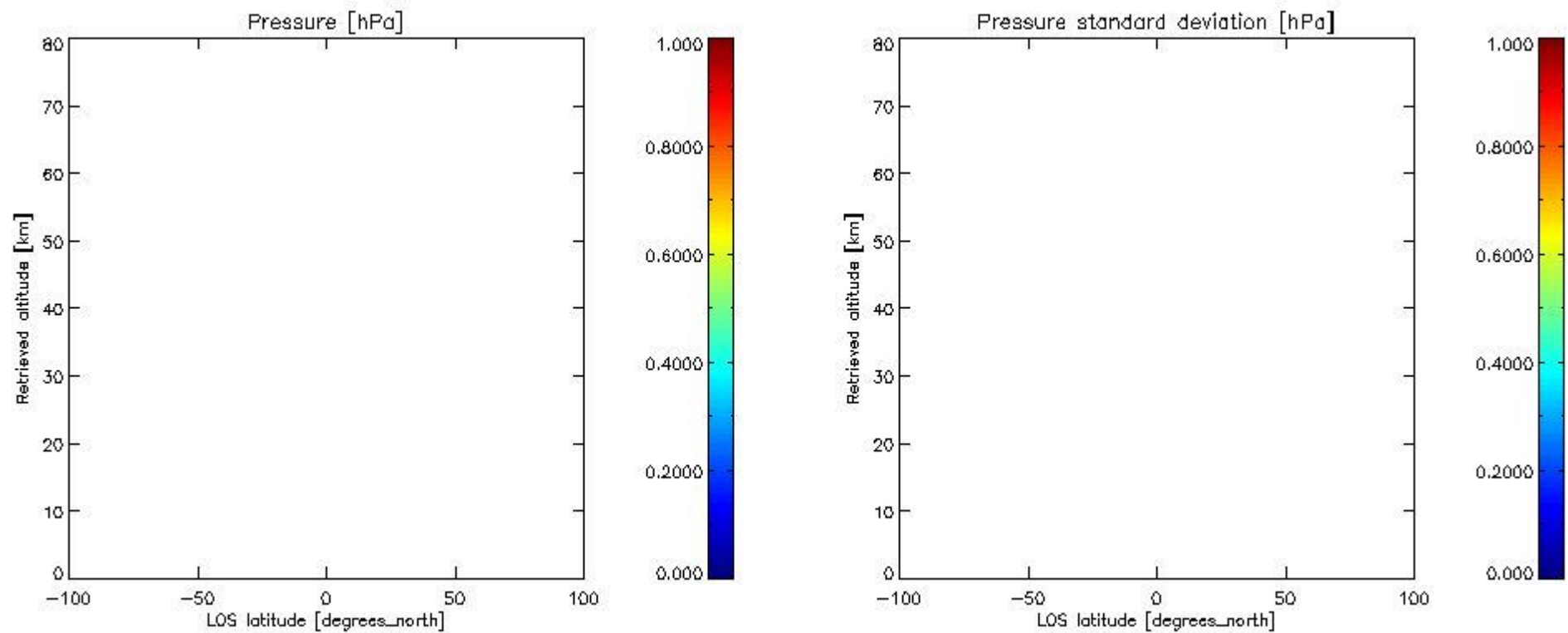
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1776	0	0.0000
H2O	1776	0	0.0000
O3	1776	0	0.0000
HNO3	1776	0	0.0000
CH4	1776	0	0.0000
N2O	1776	0	0.0000
NO2	1776	0	0.0000
F11	1776	0	0.0000
CLNO	1776	0	0.0000
N2O5	1776	0	0.0000
F12	1776	0	0.0000
COF2	1776	0	0.0000
CCL4	1776	0	0.0000
HCN	1776	0	0.0000
F14	1776	0	0.0000
F22	1776	0	0.0000



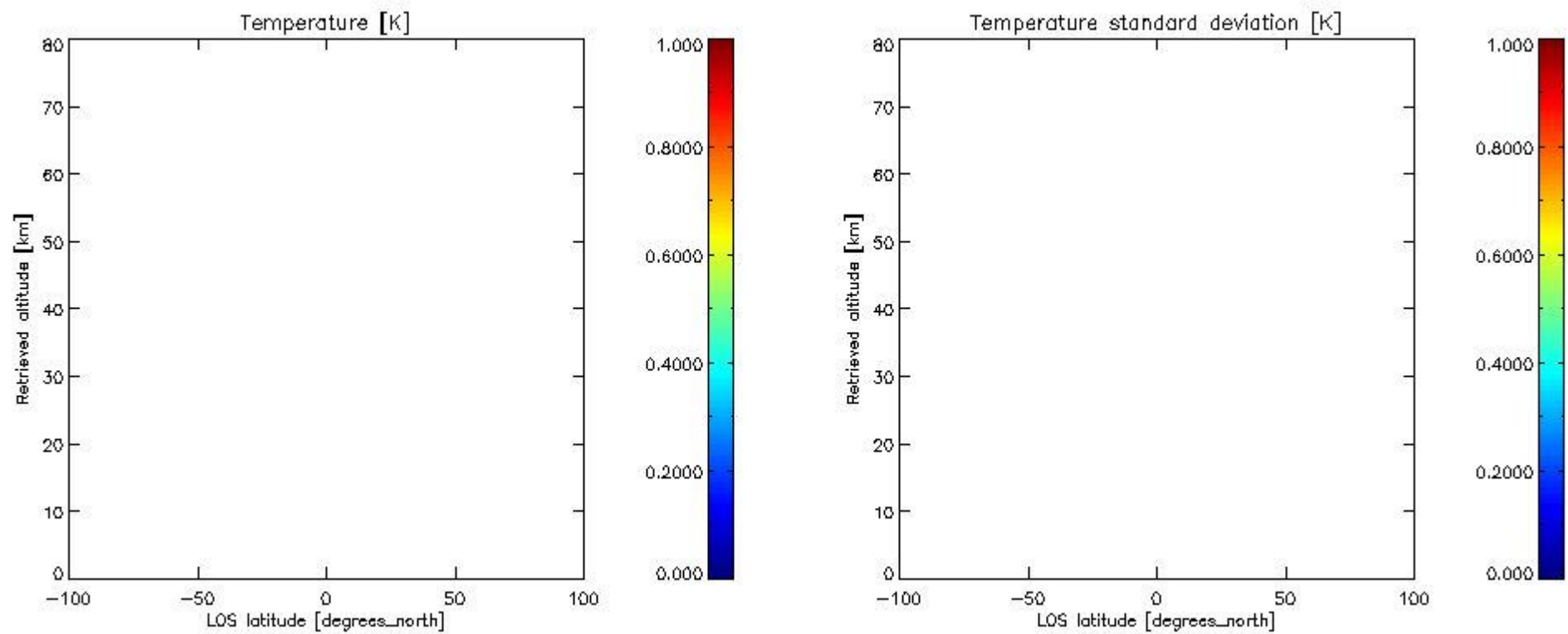
2.2.2 Pressure overview

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



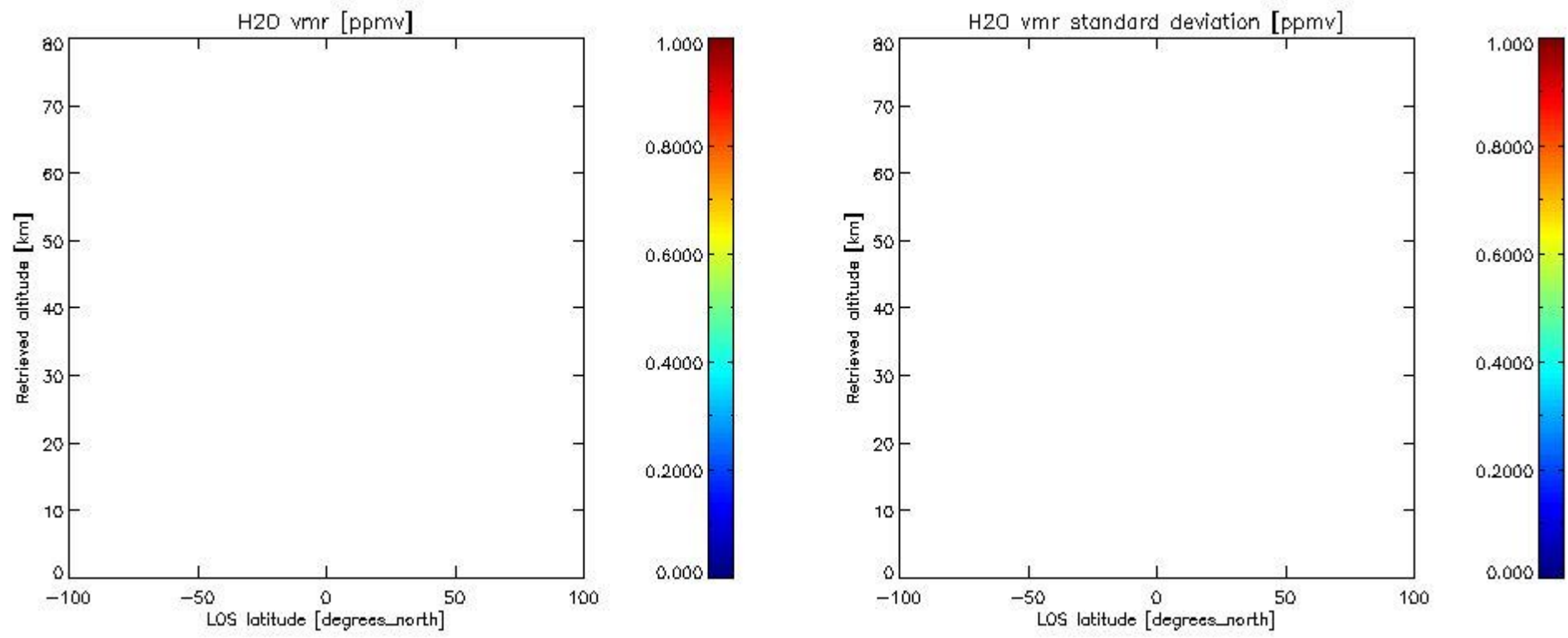
2.2.3 Temperature overview

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

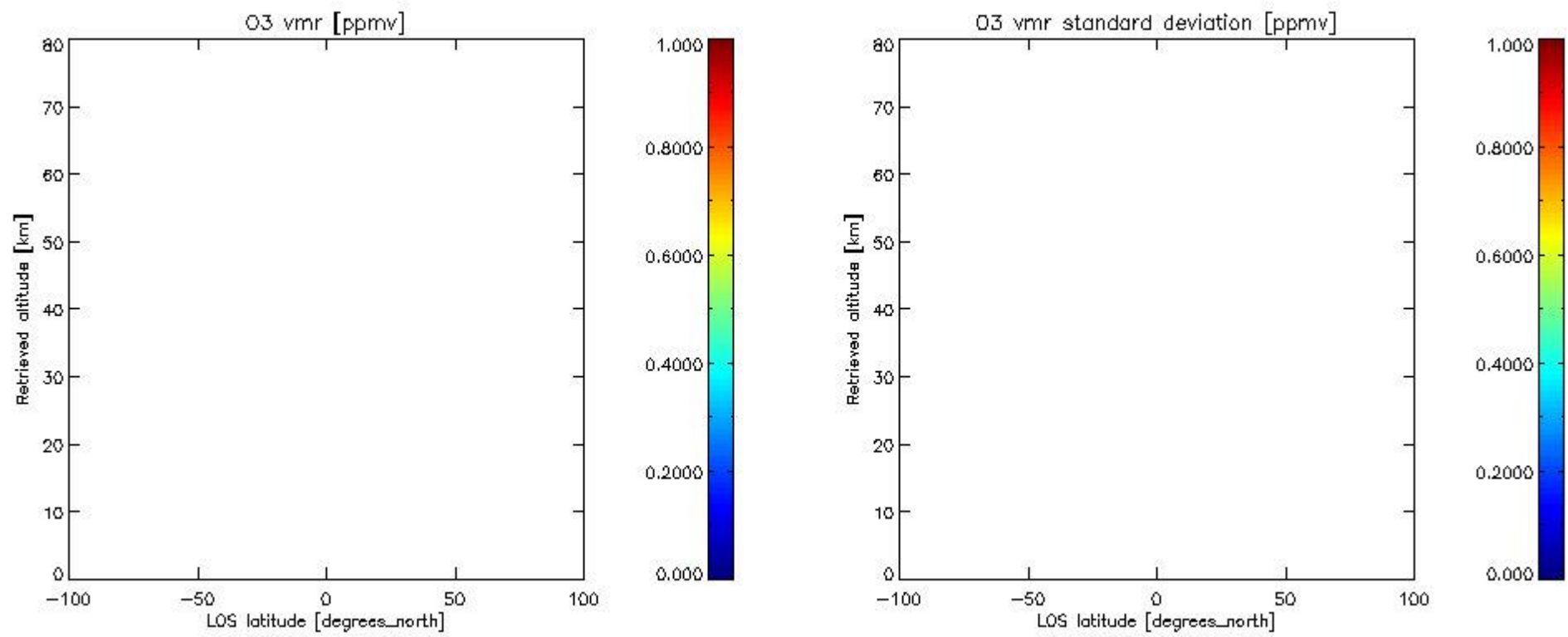


2.2.4 Species overview

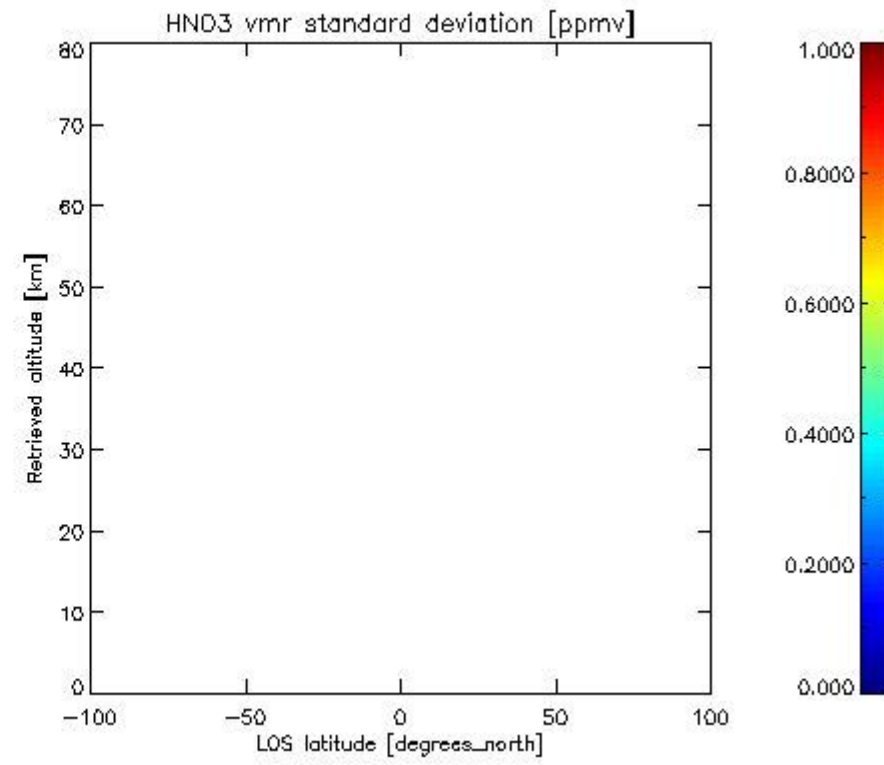
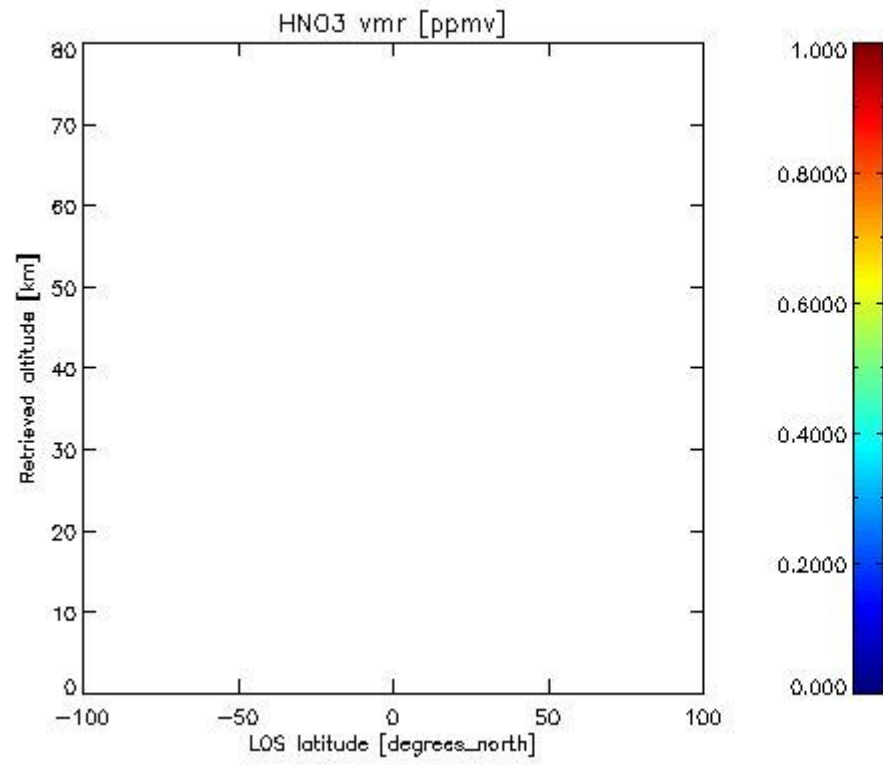
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



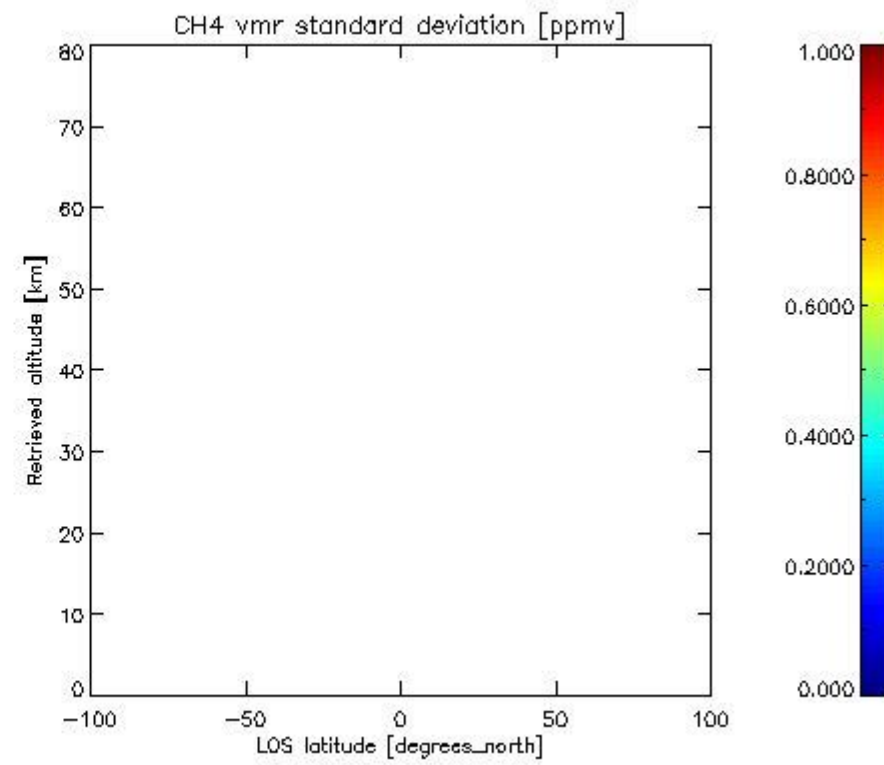
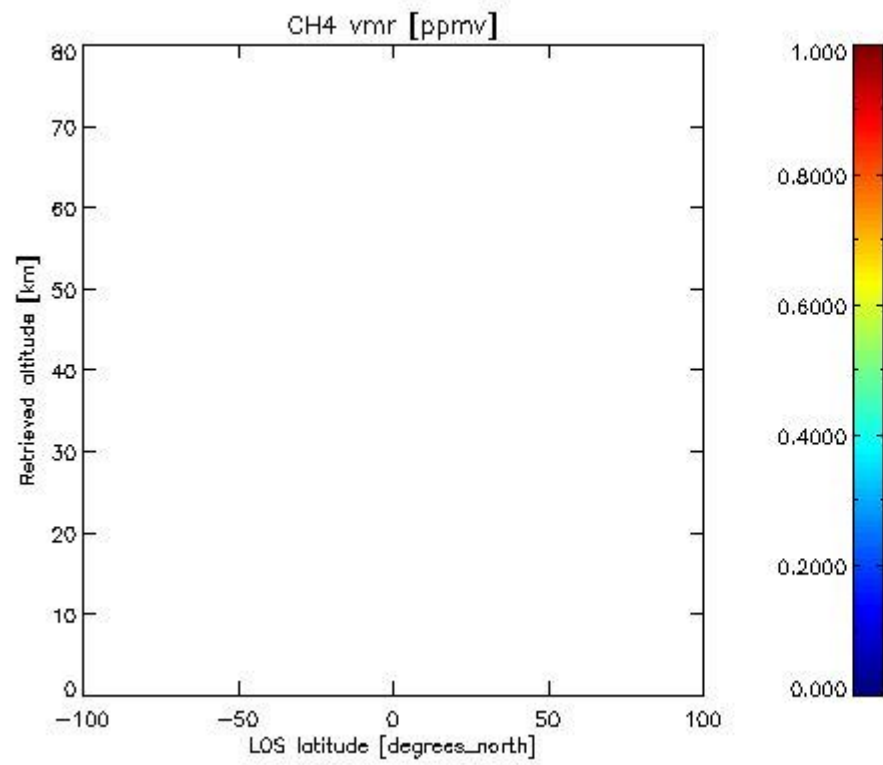
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



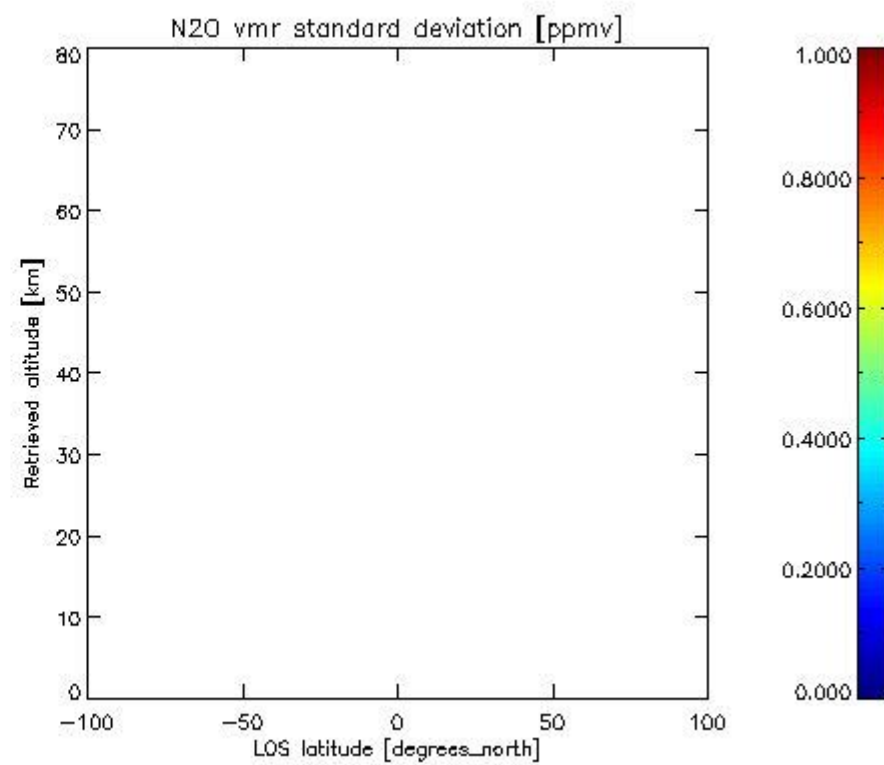
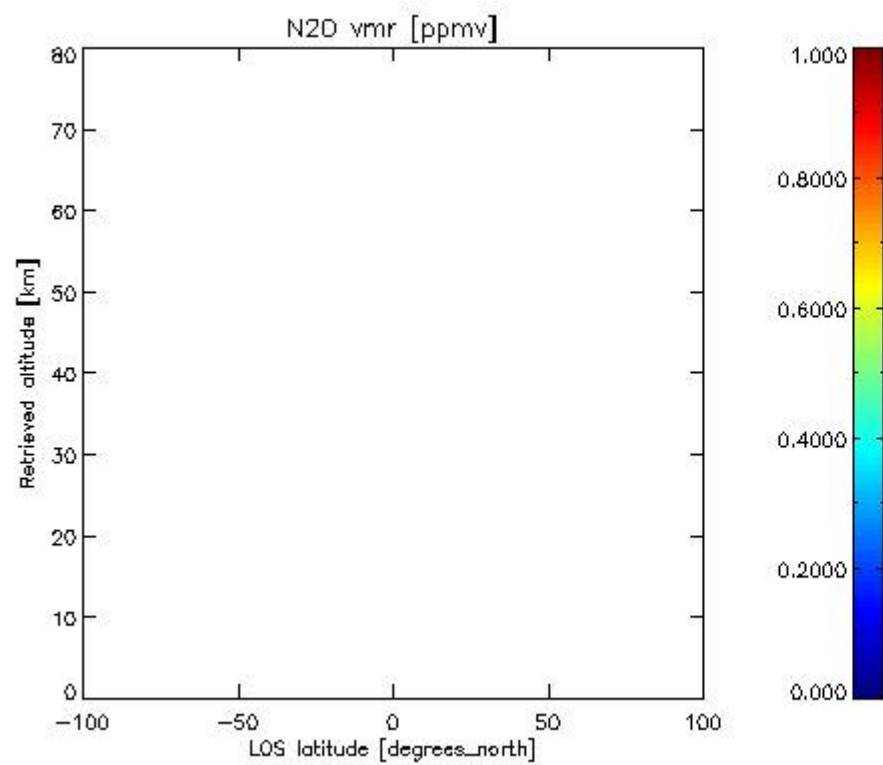
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



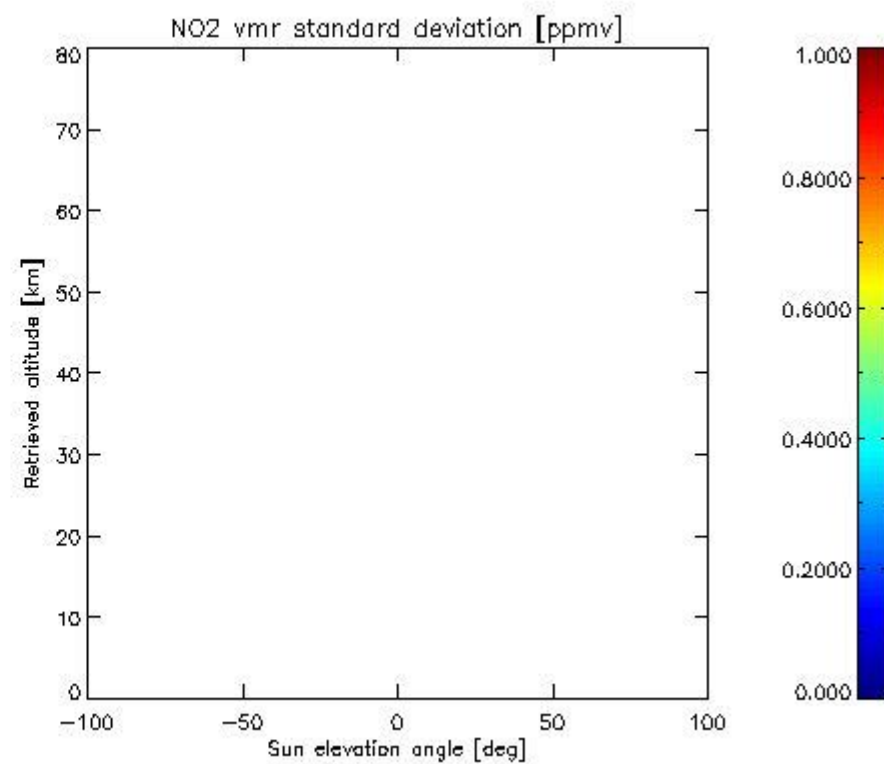
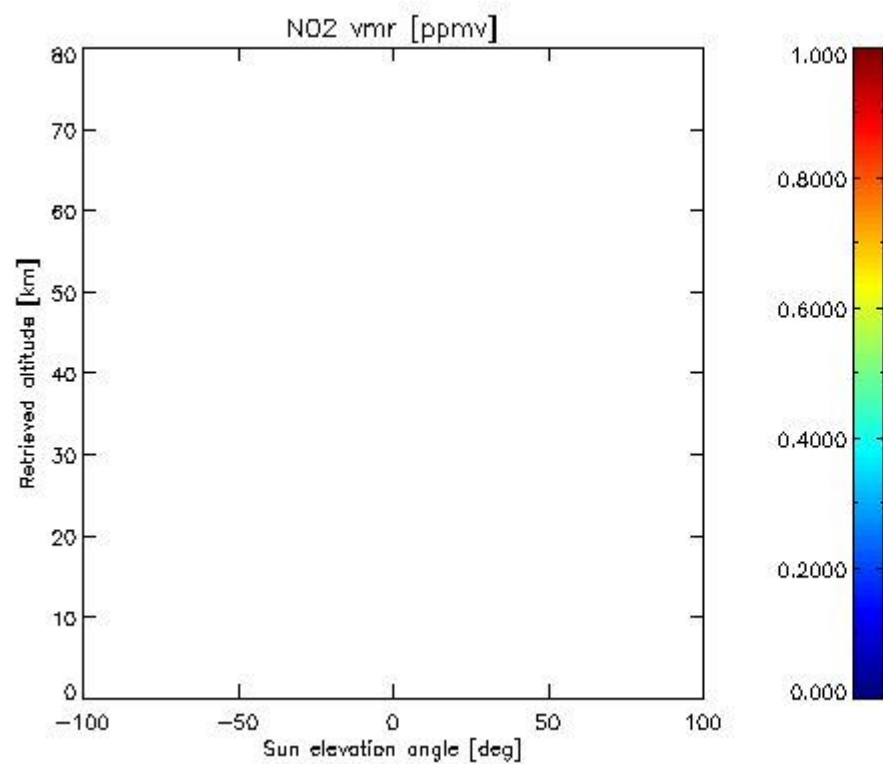
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



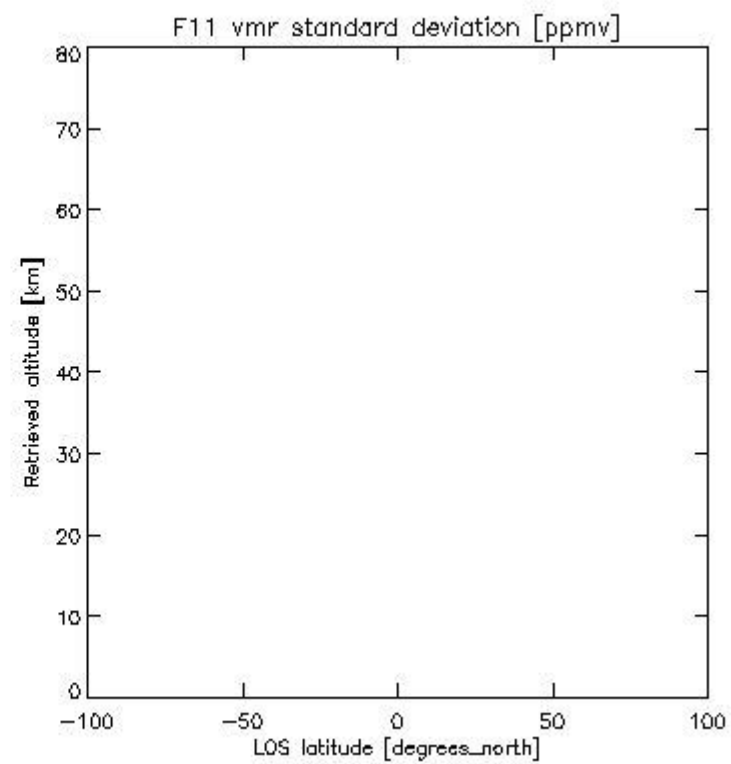
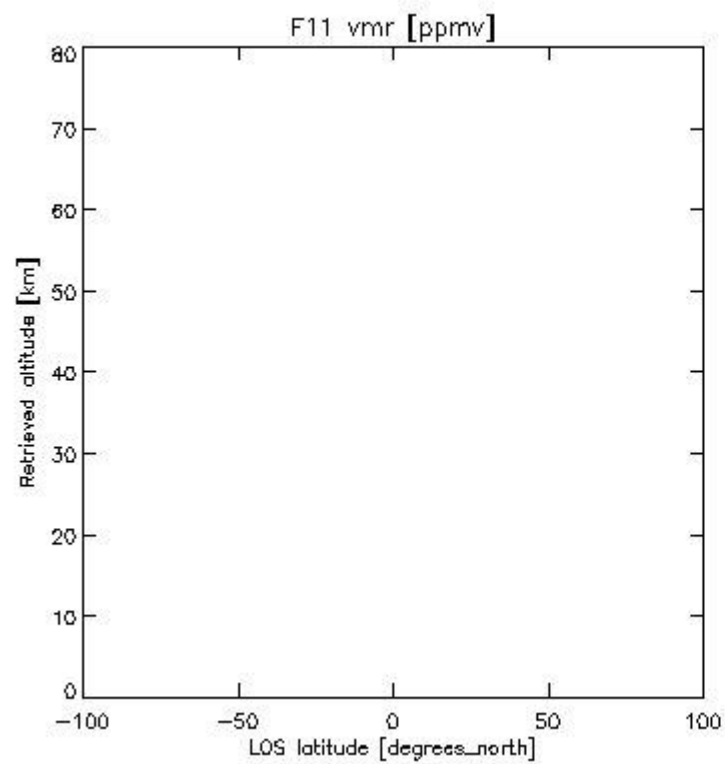
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



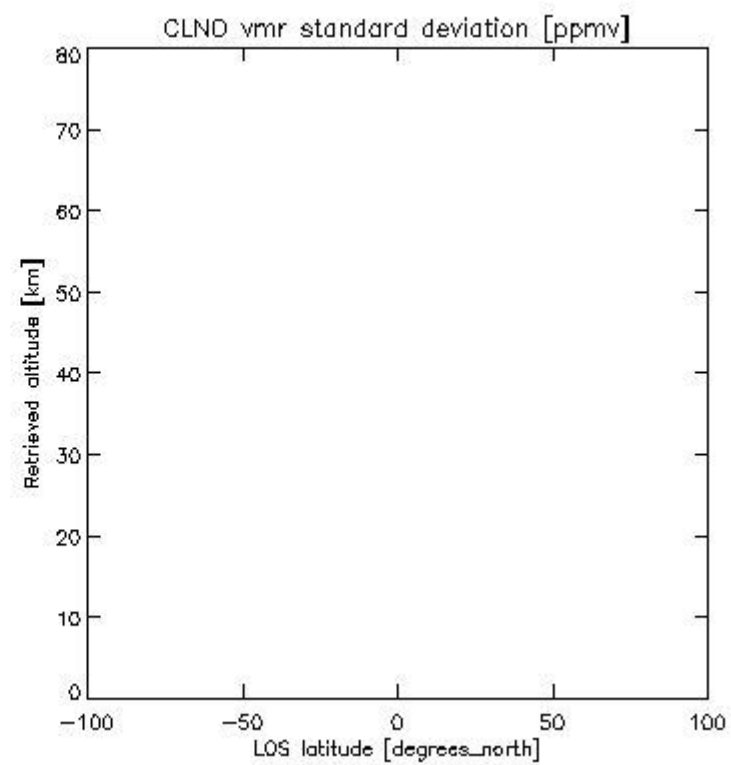
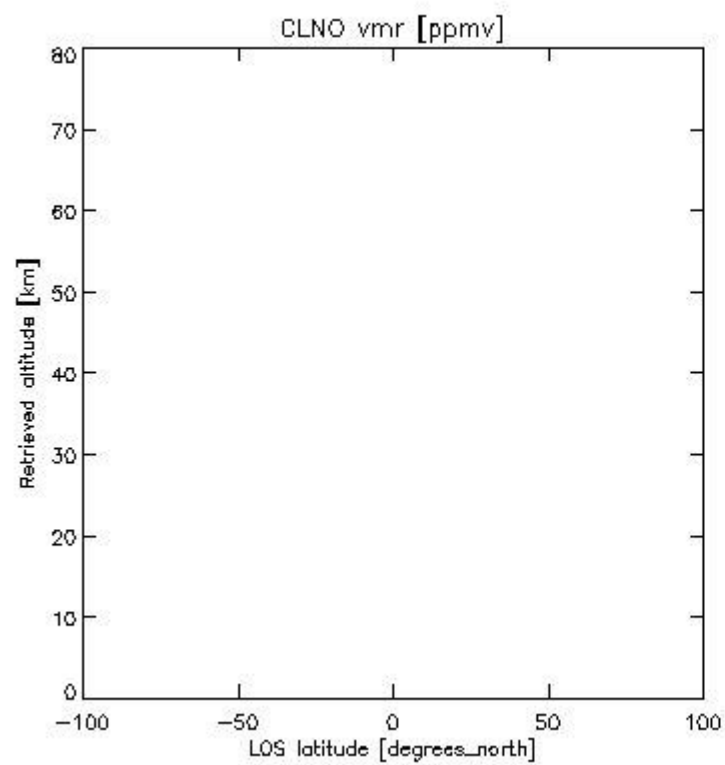
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 6 km.

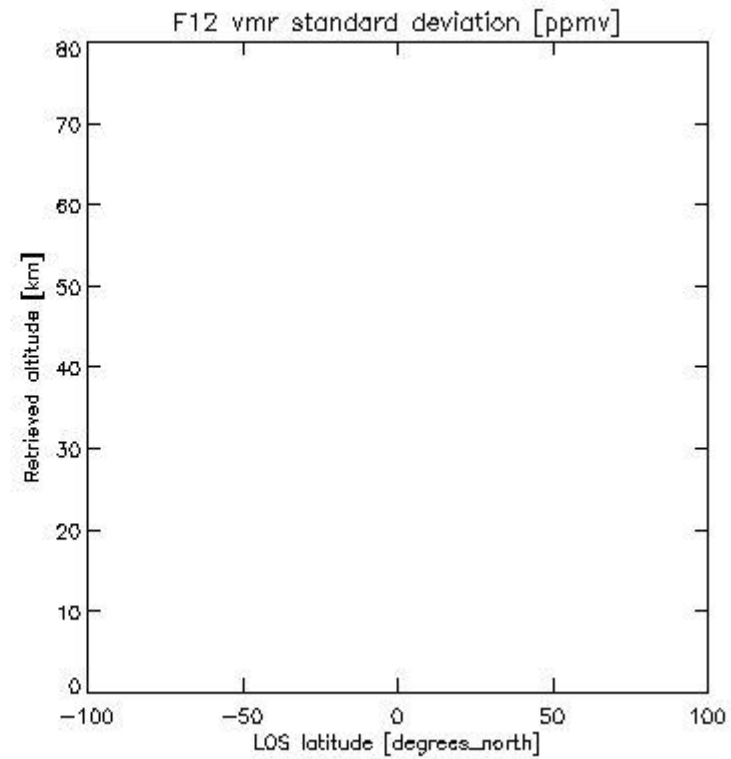
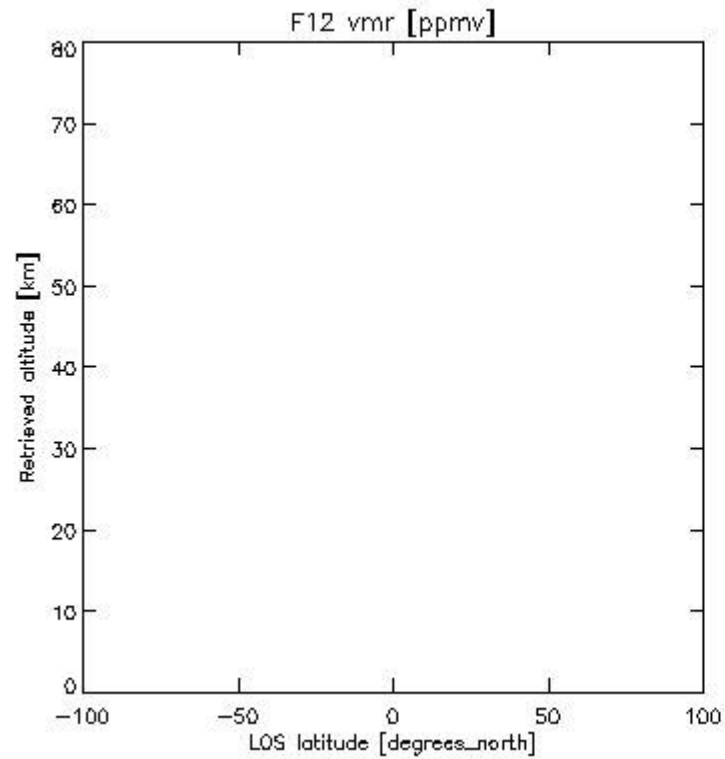
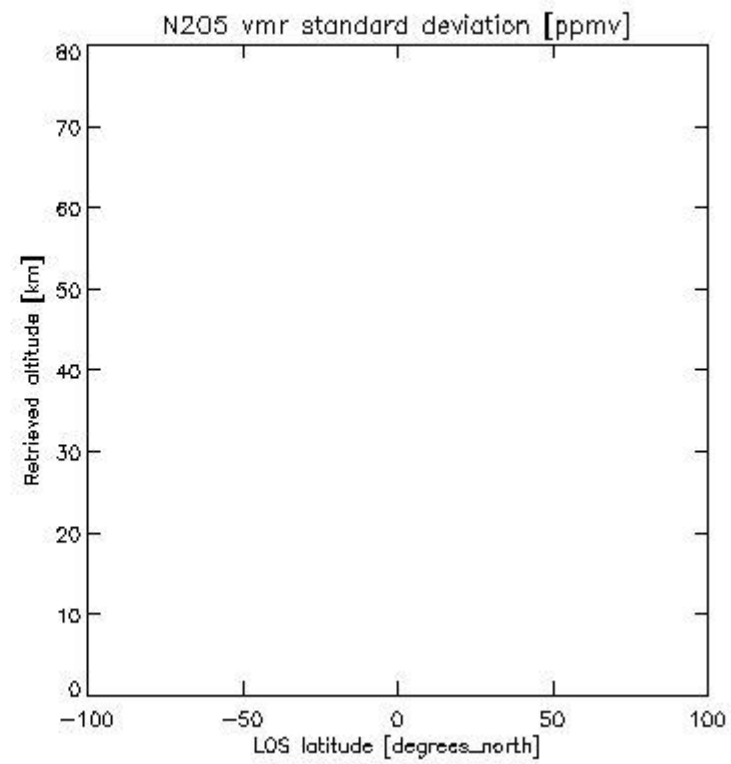
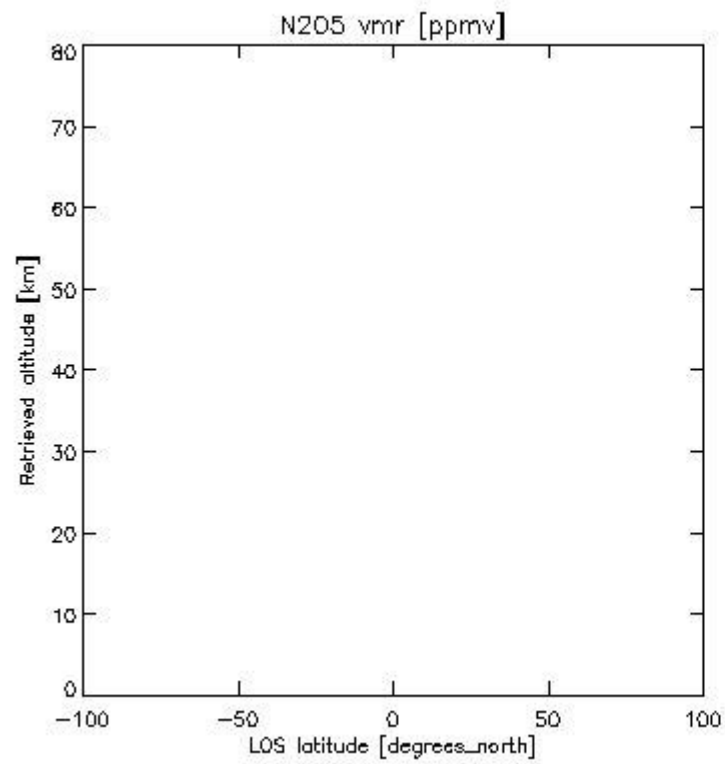


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

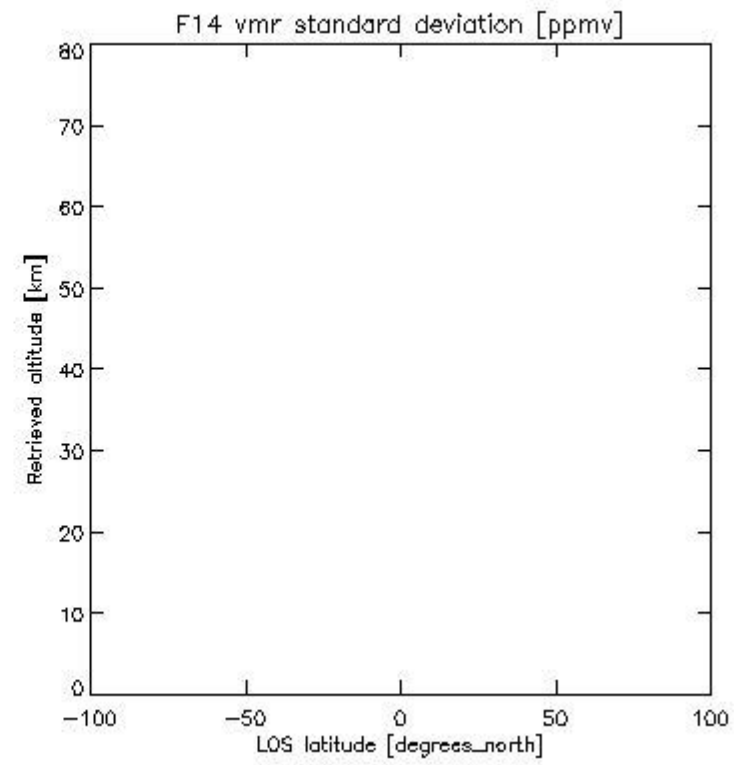
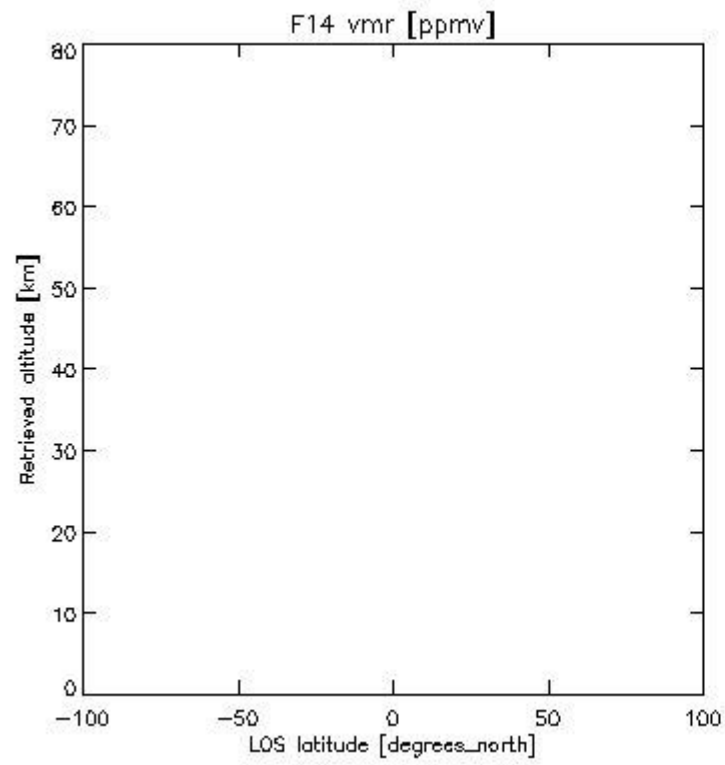
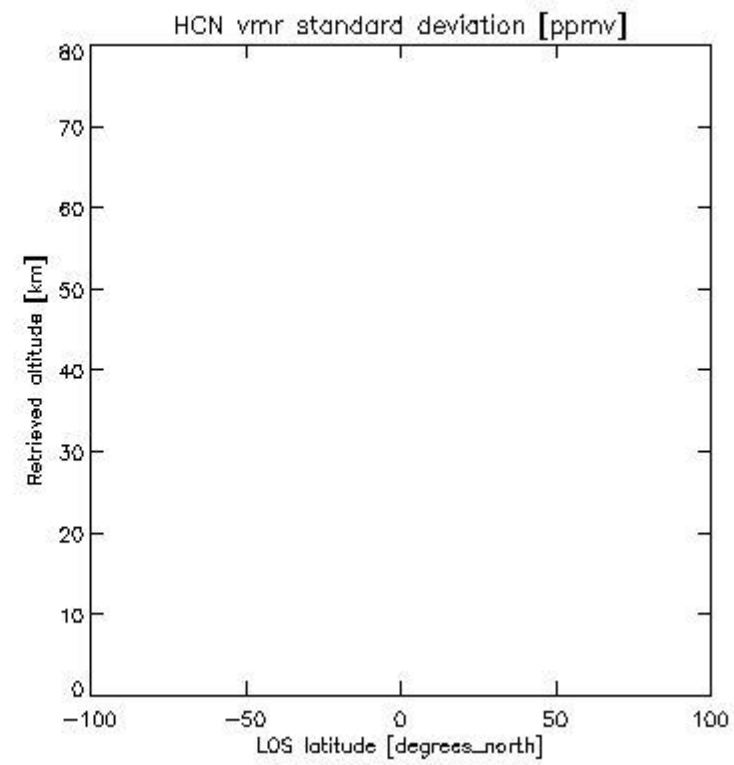
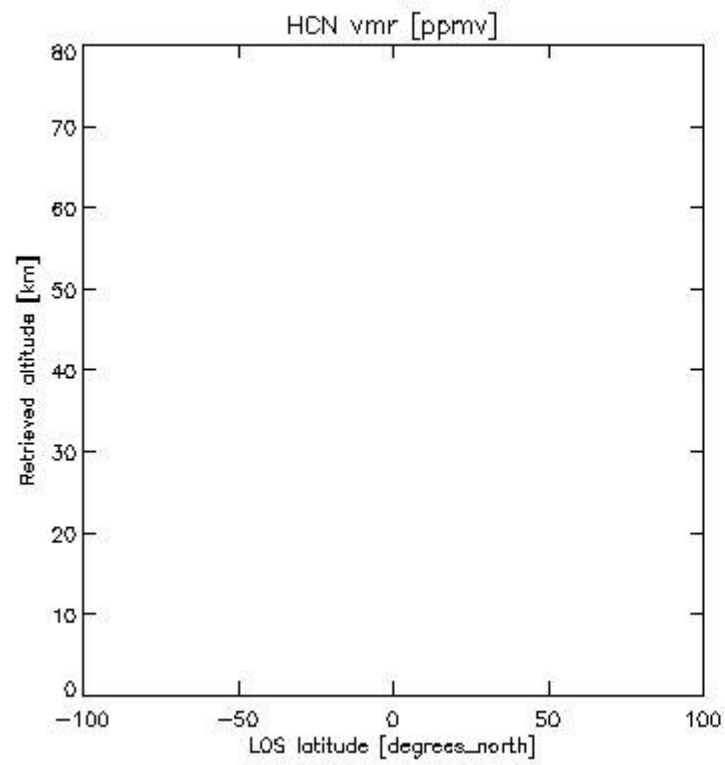


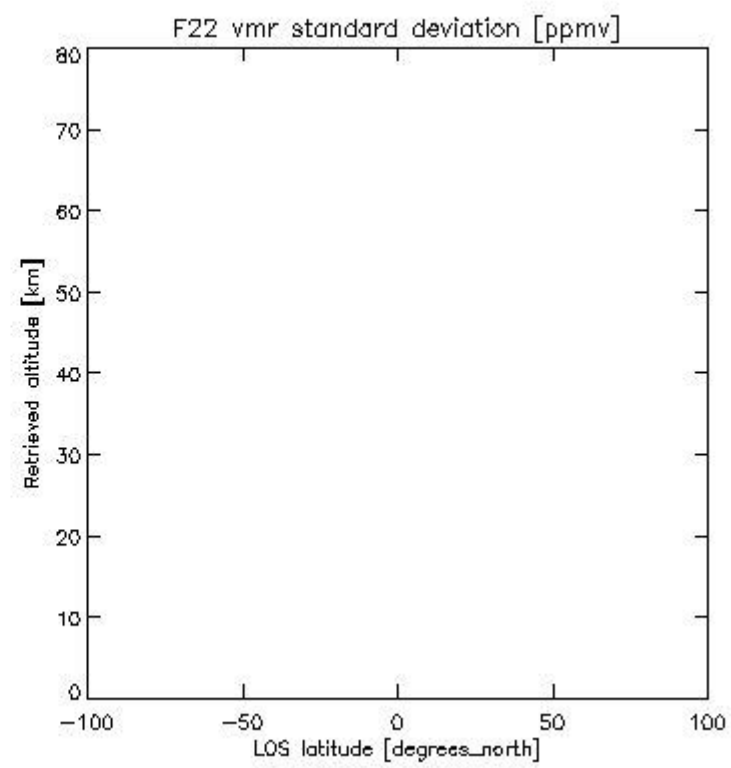
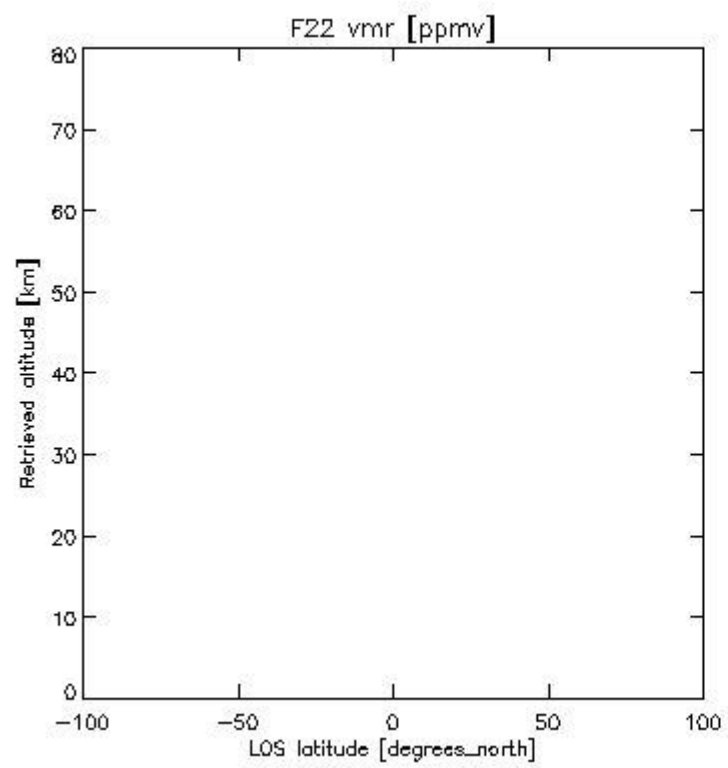
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.











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

