

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20090107.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	06MAY2016 15:44:31
Data source version	ML2PP/7.03-W
Processing scope for products	07JAN2009 00:00:00 to 08JAN2009 00:00:00
Start time of first product within scope	06JAN2009 22:28:17
Stop time of last product within scope	08JAN2009 01:18:28
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.

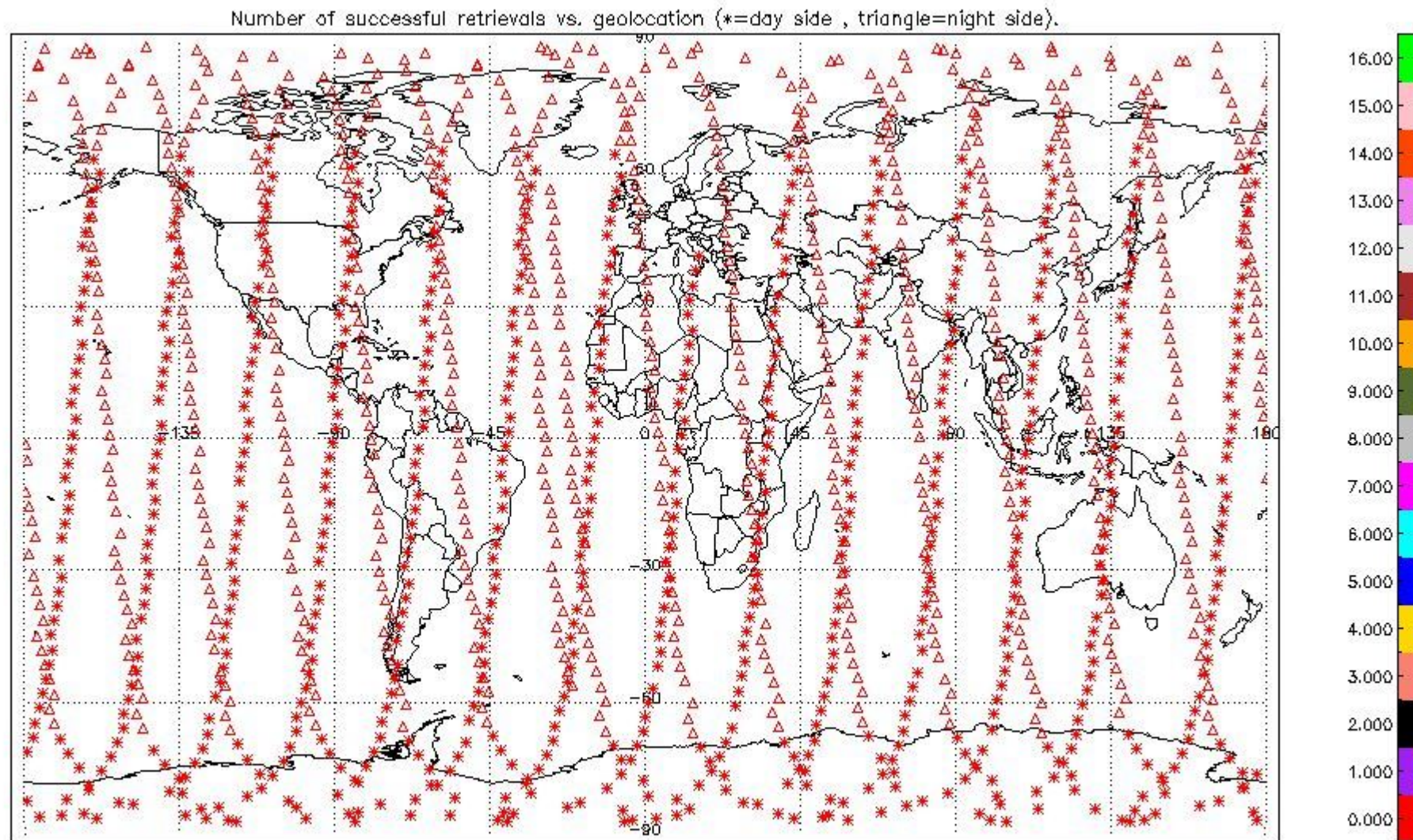
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20090106_222817_000060092075_00216_35841_1000.N1	06JAN2009 22:28:17	07JAN2009 00:08:26	0	103/103	
1	MIP_NL__2PWDSI20090107_000901_000060652075_00217_35842_1000.N1	07JAN2009 00:09:01	07JAN2009 01:50:06	0	104/104	
2	MIP_NL__2PWDSI20090107_015012_000060092075_00218_35843_1000.N1	07JAN2009 01:50:12	07JAN2009 03:30:21	0	103/103	
3	MIP_NL__2PWDSI20090107_033027_000060382075_00219_35844_1000.N1	07JAN2009 03:30:27	07JAN2009 05:11:05	0	103/103	
4	MIP_NL__2PWDSI20090107_051111_000060092075_00220_35845_1000.N1	07JAN2009 05:11:11	07JAN2009 06:51:20	0	103/103	
5	MIP_NL__2PWDSI20090107_065126_000060652075_00221_35846_1000.N1	07JAN2009 06:51:26	07JAN2009 08:32:31	0	104/104	
6	MIP_NL__2PWDSI20090107_083237_000060182075_00222_35847_1000.N1	07JAN2009 08:32:37	07JAN2009 10:12:55	0	88/88	
7	MIP_NL__2PWDSI20090107_101301_000060082075_00223_35848_1000.N1	07JAN2009 10:13:01	07JAN2009 11:53:10	0	103/103	
8	MIP_NL__2PWDSI20090107_115316_000060652075_00224_35849_1000.N1	07JAN2009 11:53:16	07JAN2009 13:34:21	0	104/104	
9	MIP_NL__2PWDSI20090107_133427_000059812075_00225_35850_1000.N1	07JAN2009 13:34:27	07JAN2009 15:14:09	0	102/102	
10	MIP_NL__2PWDSI20090107_151511_000060092075_00226_35851_1000.N1	07JAN2009 15:15:11	07JAN2009 16:55:20	0	103/103	
11	MIP_NL__2PWDSI20090107_165526_000060082075_00227_35852_1000.N1	07JAN2009 16:55:26	07JAN2009 18:35:34	0	103/103	
12	MIP_NL__2PWDSI20090107_183541_000060382075_00228_35853_1000.N1	07JAN2009 18:35:41	07JAN2009 20:16:18	0	103/103	
13	MIP_NL__2PWDSI20090107_201625_000060092075_00229_35854_1000.N1	07JAN2009 20:16:25	07JAN2009 21:56:33	0	103/103	
14	MIP_NL__2PWDSI20090107_215639_000060082075_00230_35855_1000.N1	07JAN2009 21:56:39	07JAN2009 23:36:48	0	103/103	
15	MIP_NL__2PWDSI20090107_233723_000060652075_00231_35856_1000.N1	07JAN2009 23:37:23	08JAN2009 01:18:28	0	104/104	

2.2 Processing performance indicators

2.2.1 Successful retrievals

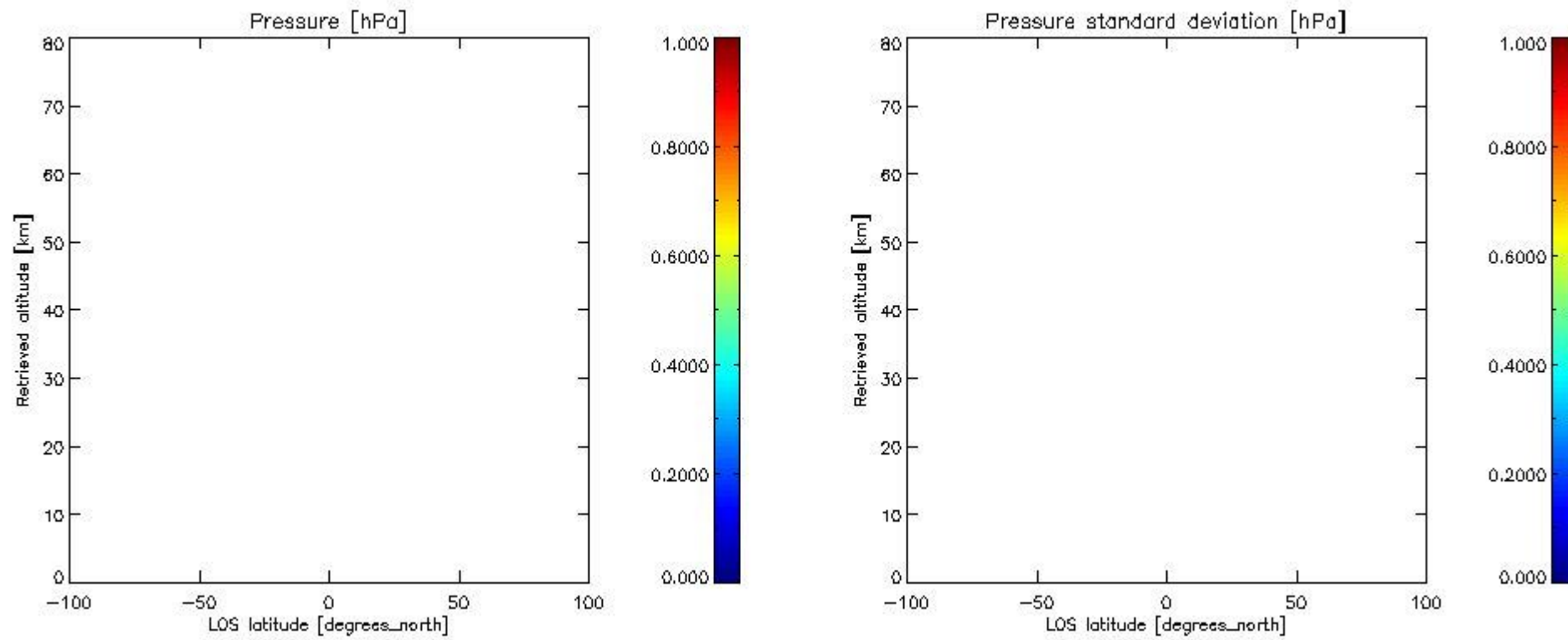
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

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



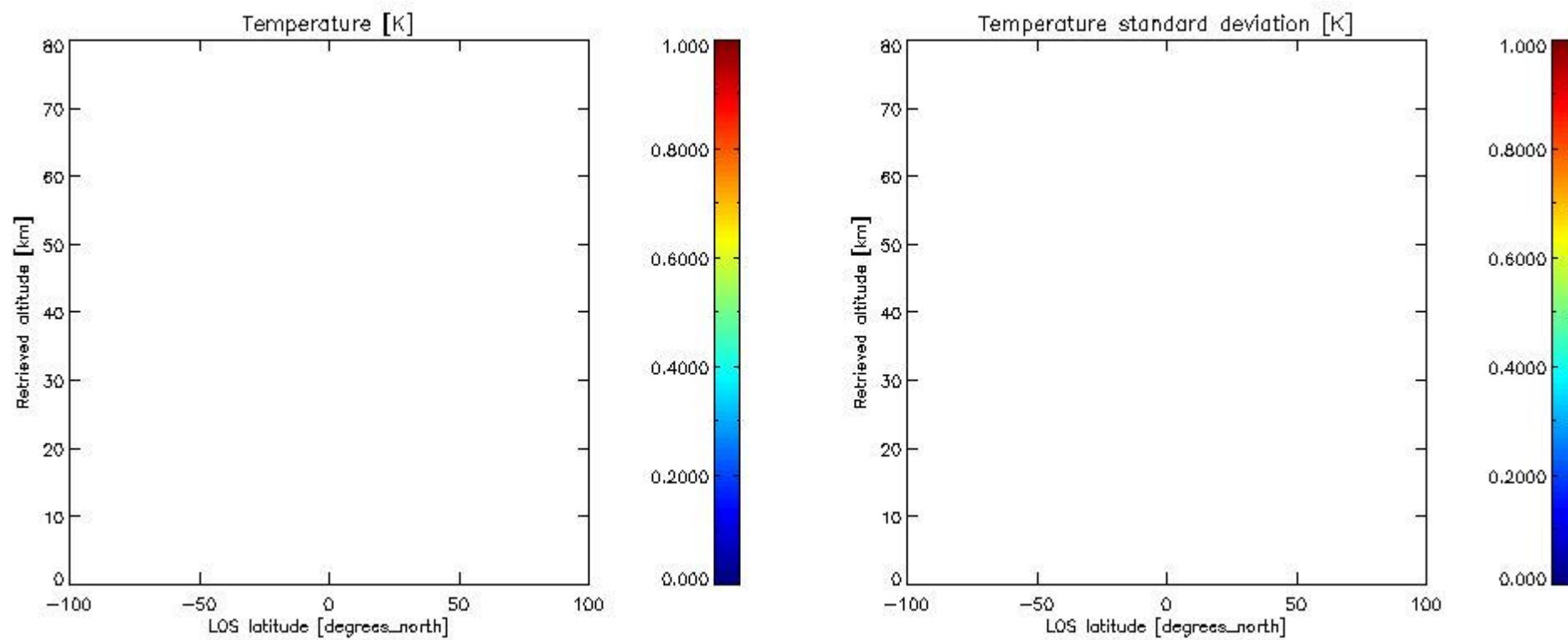
2.2.2 Pressure overview

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



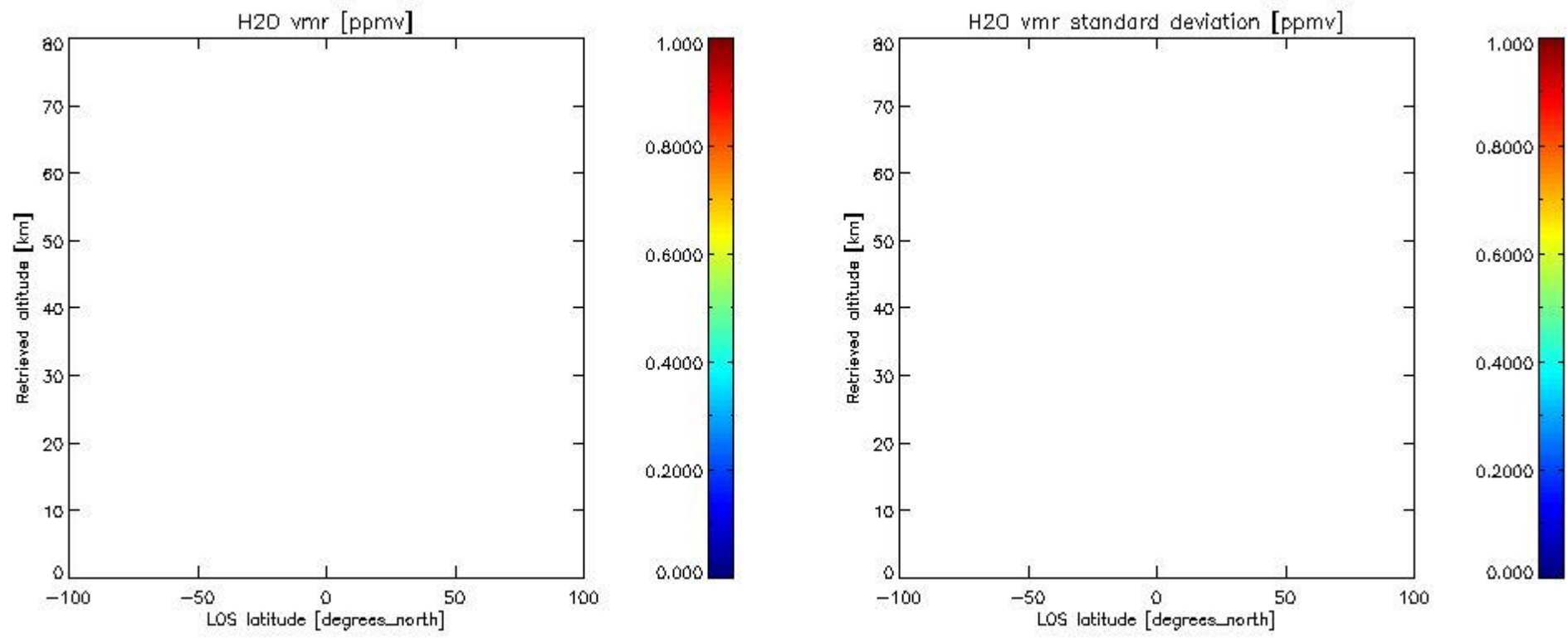
2.2.3 Temperature overview

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

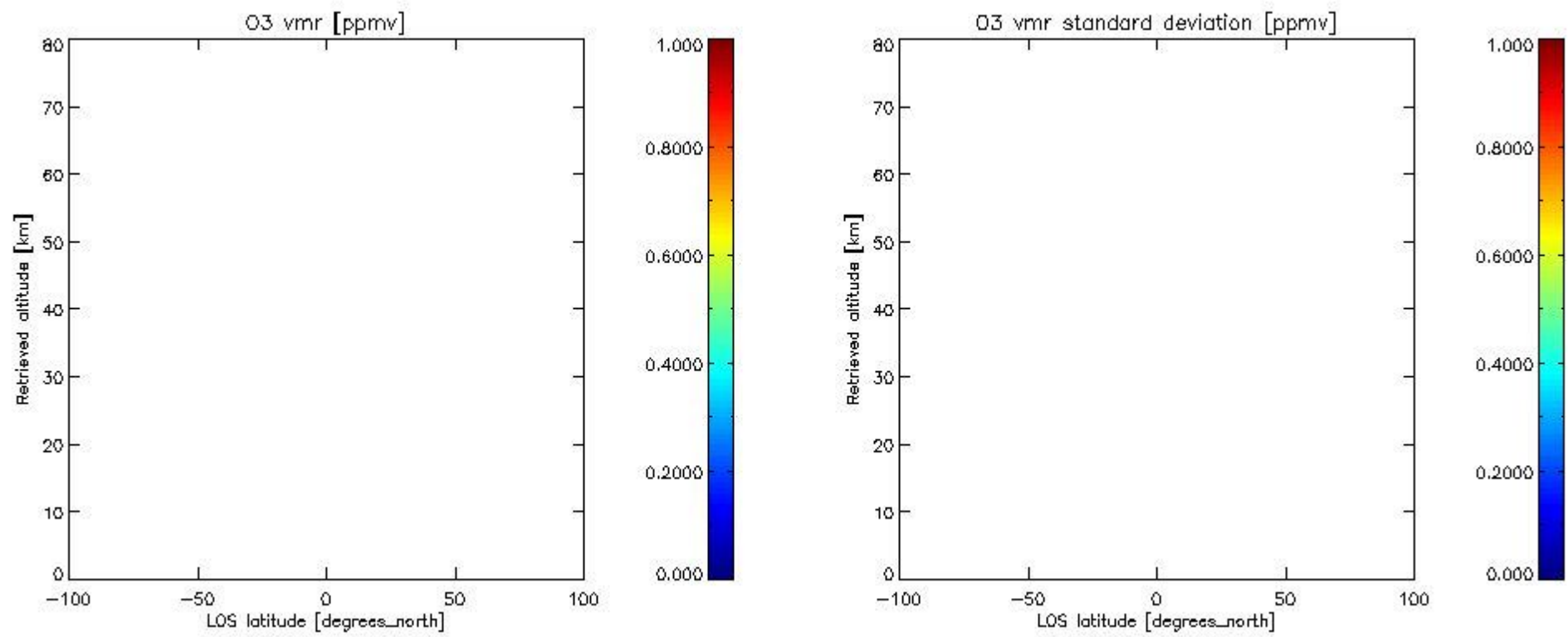


2.2.4 Species overview

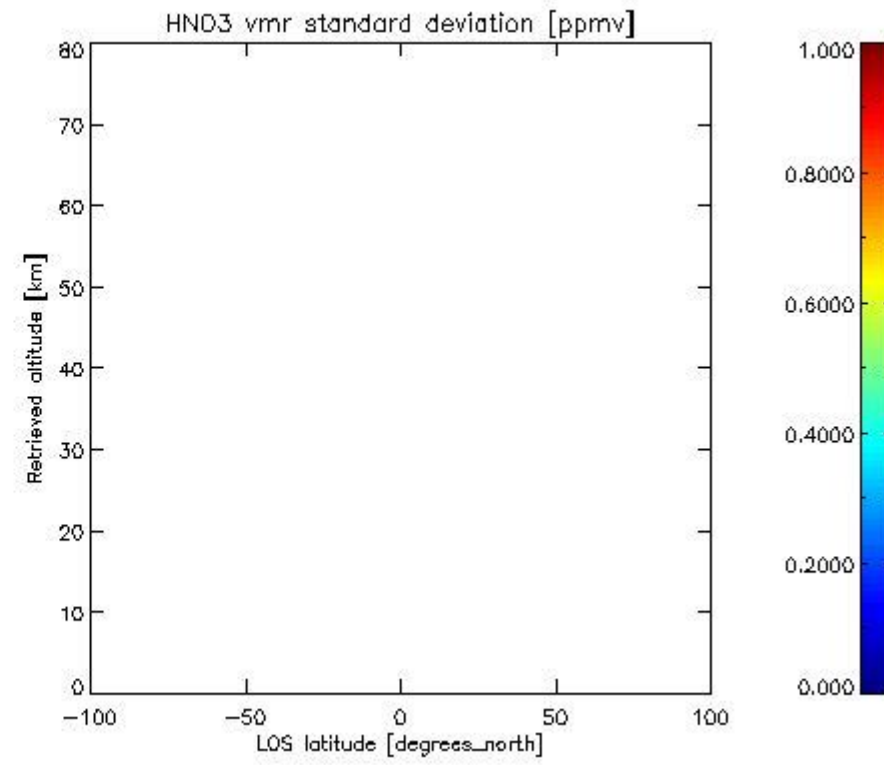
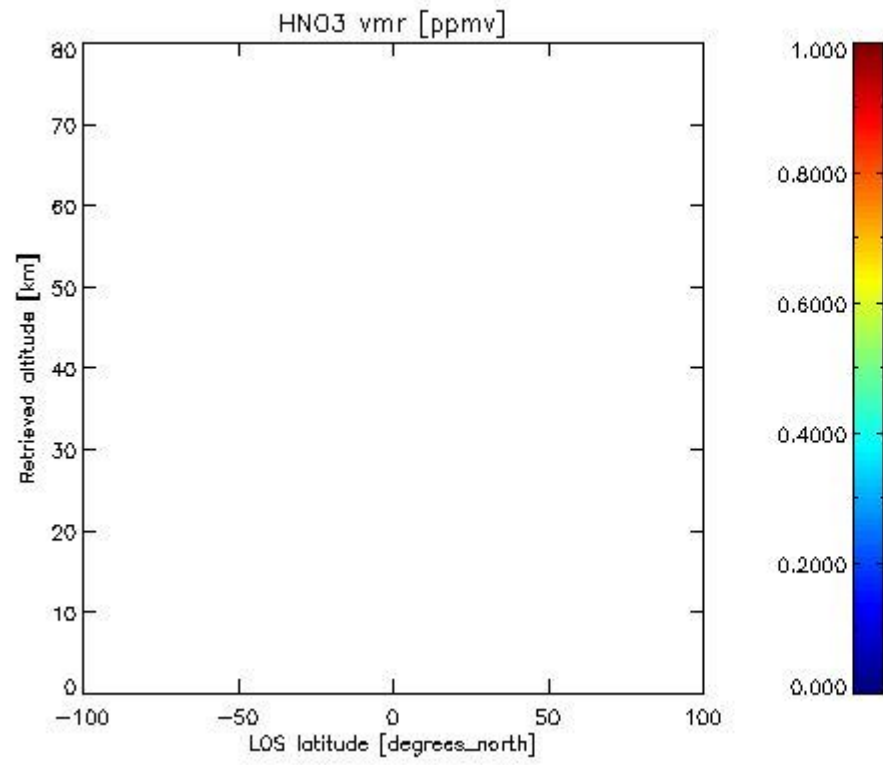
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



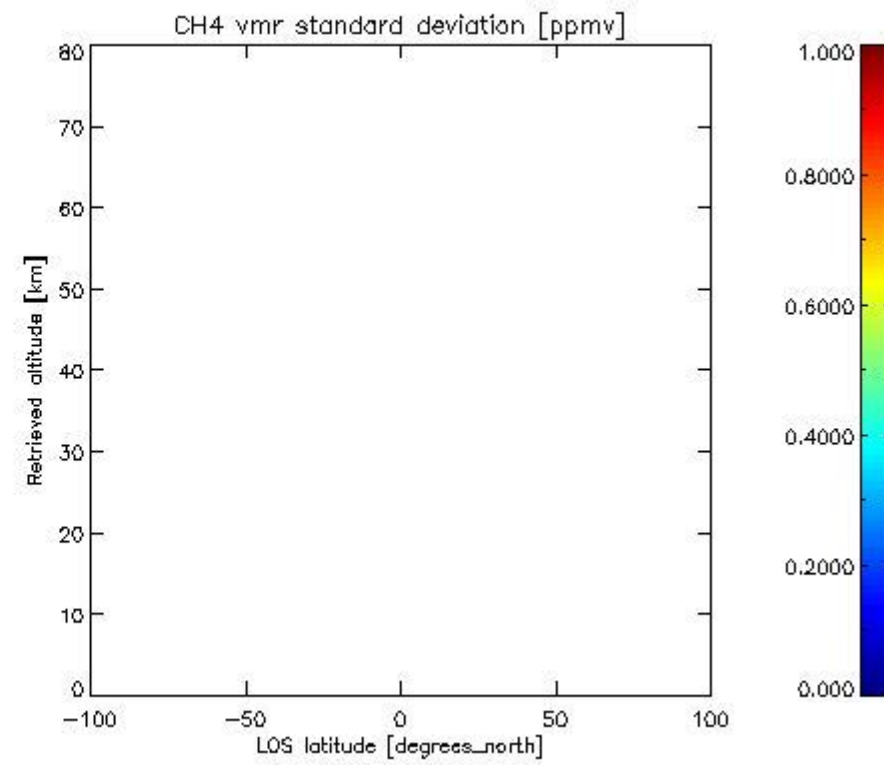
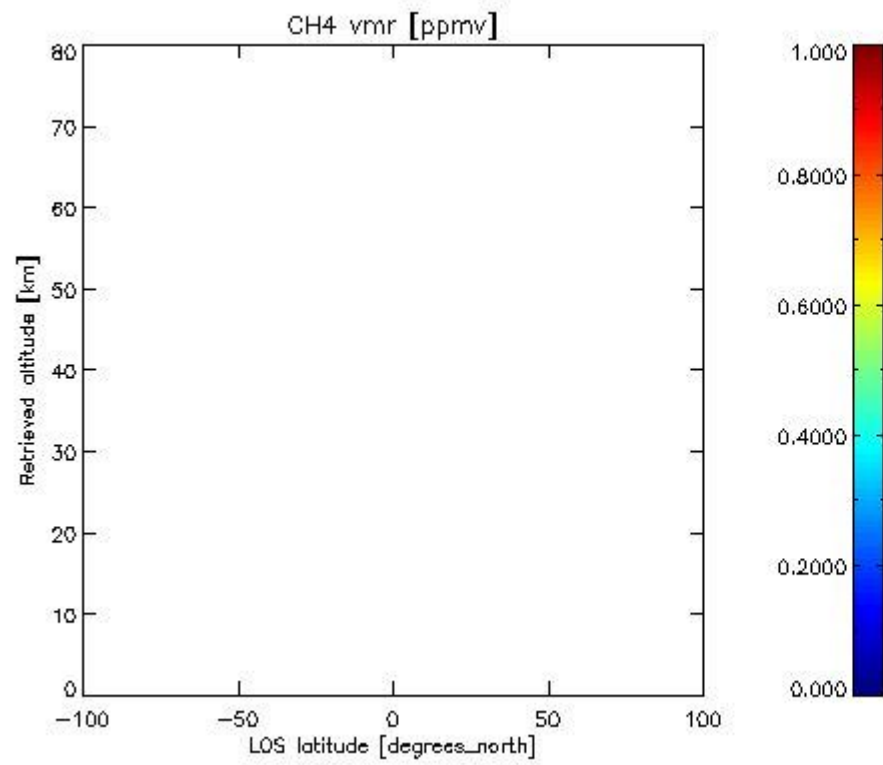
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



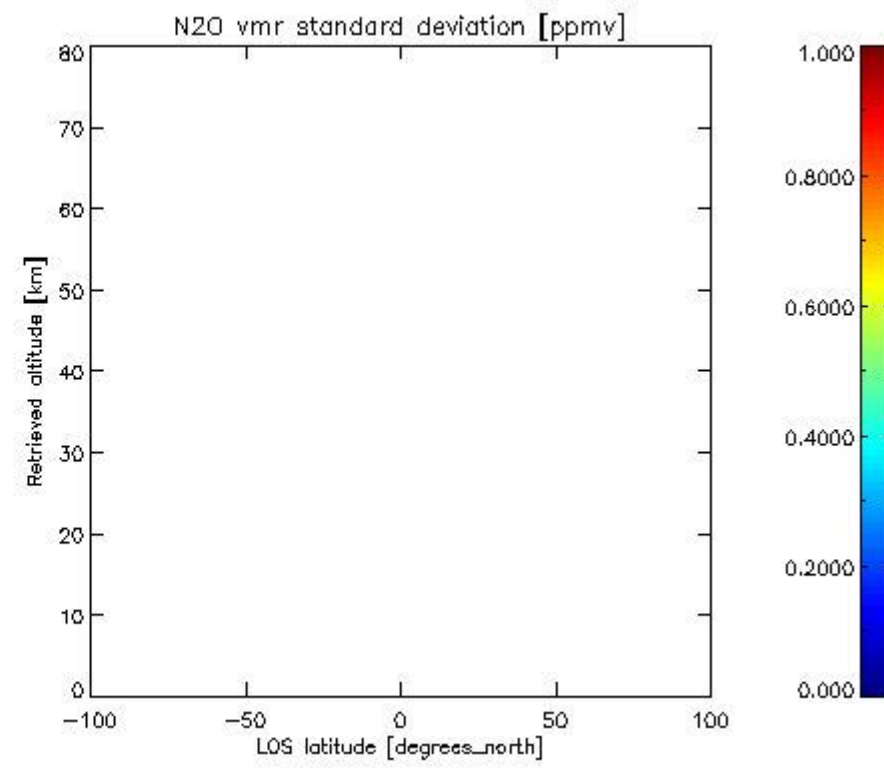
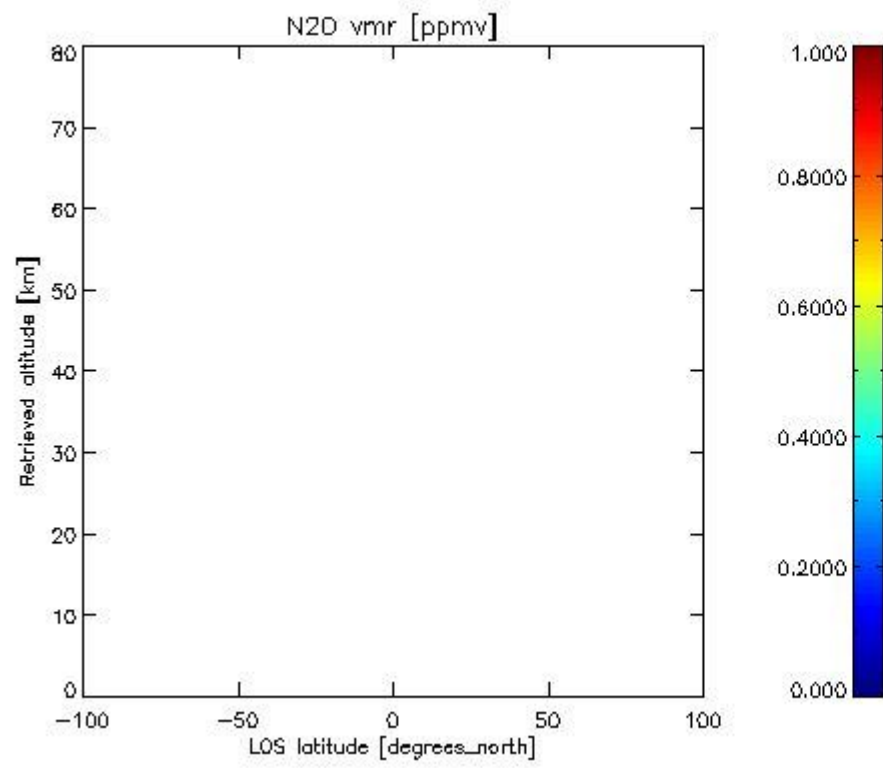
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



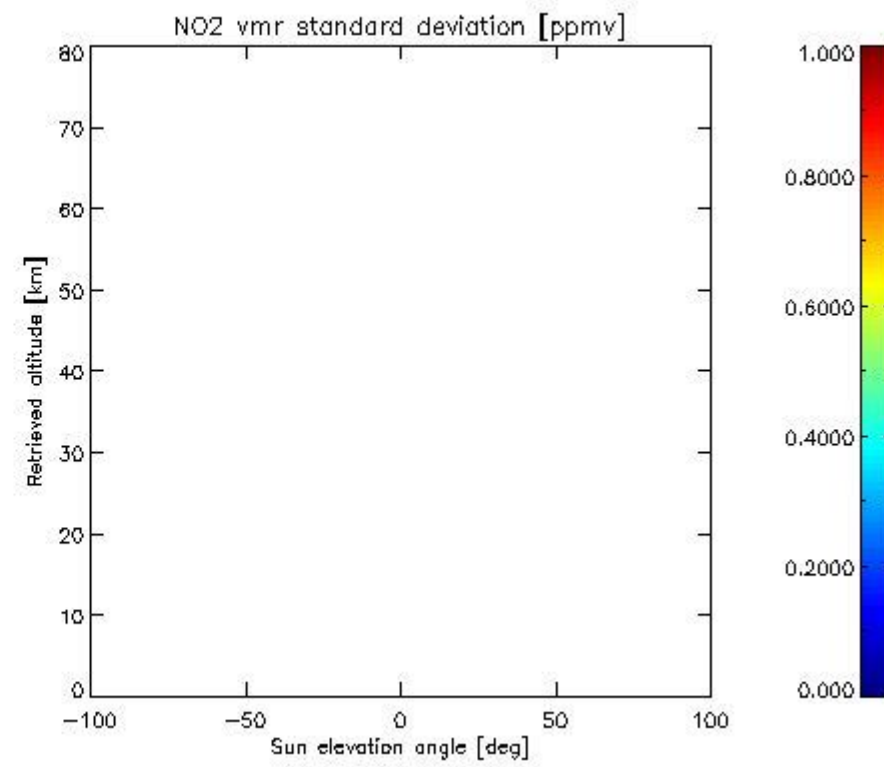
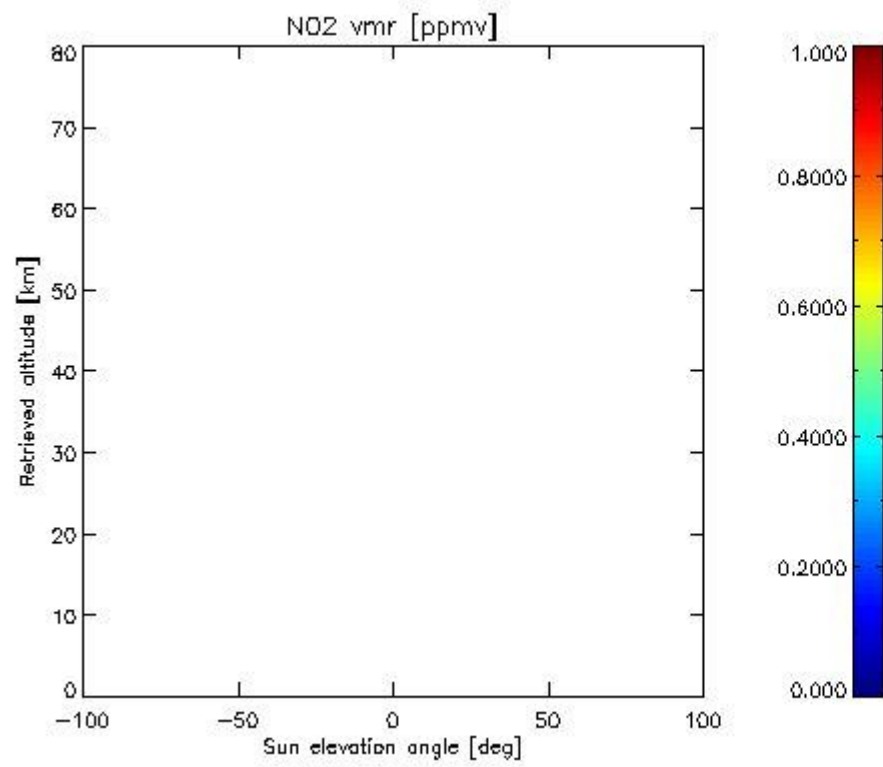
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



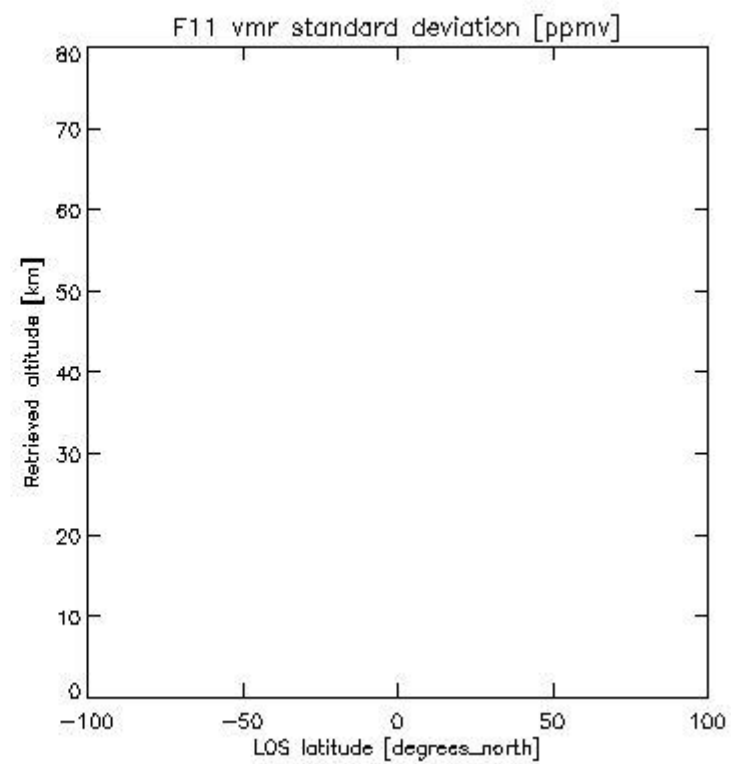
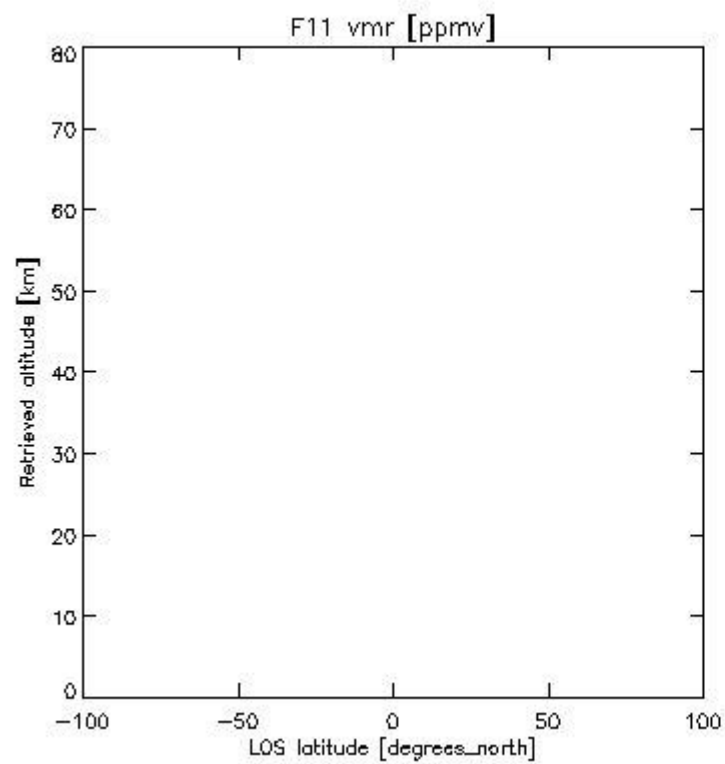
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



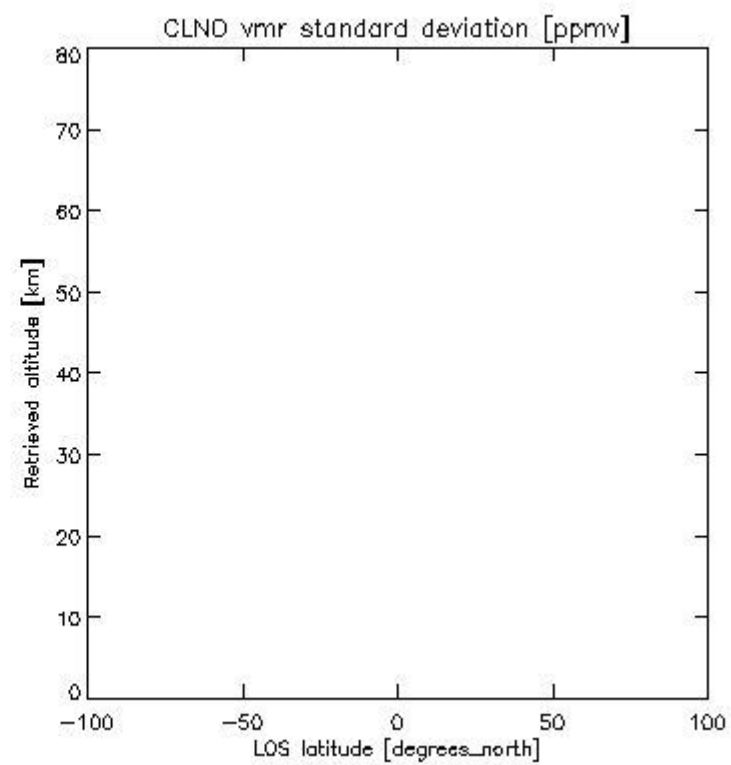
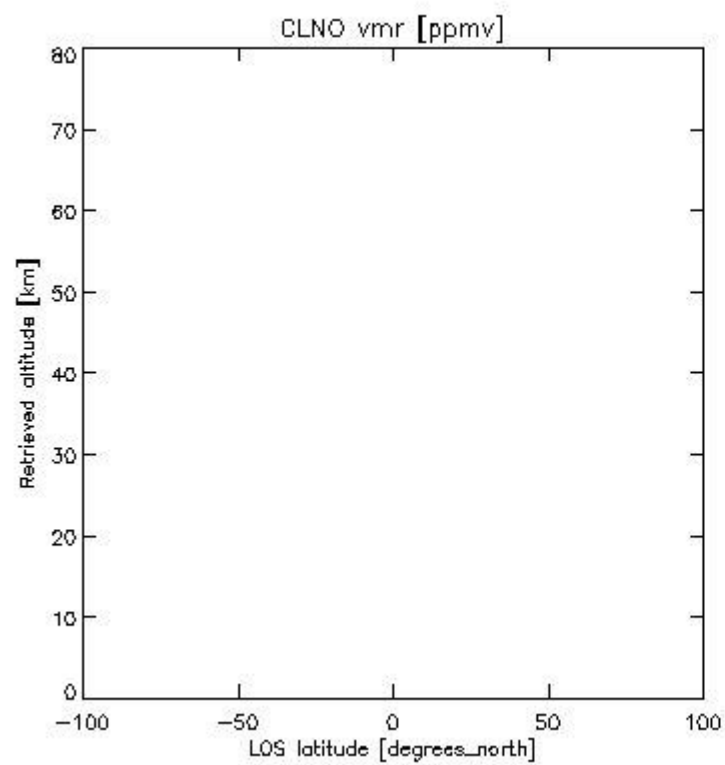
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

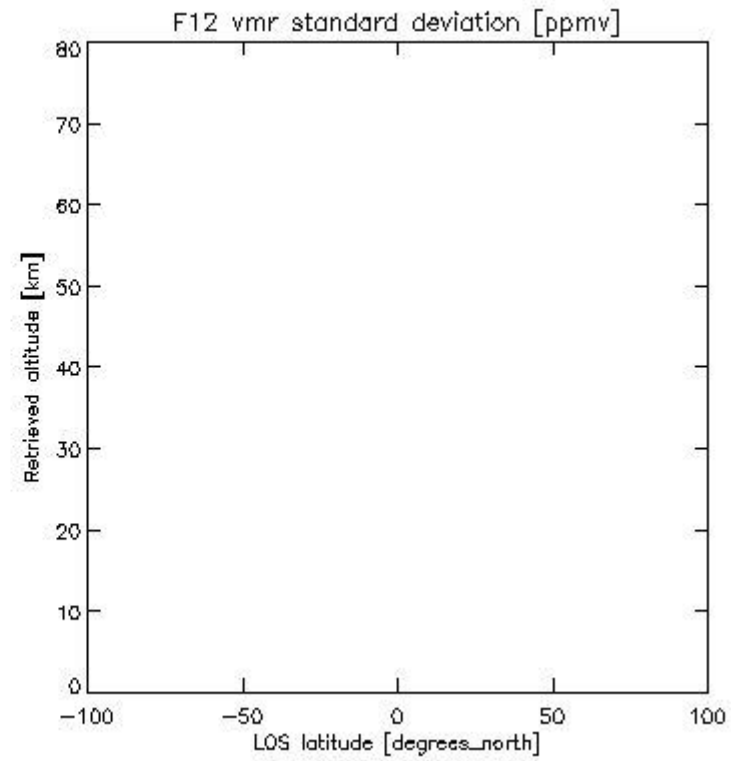
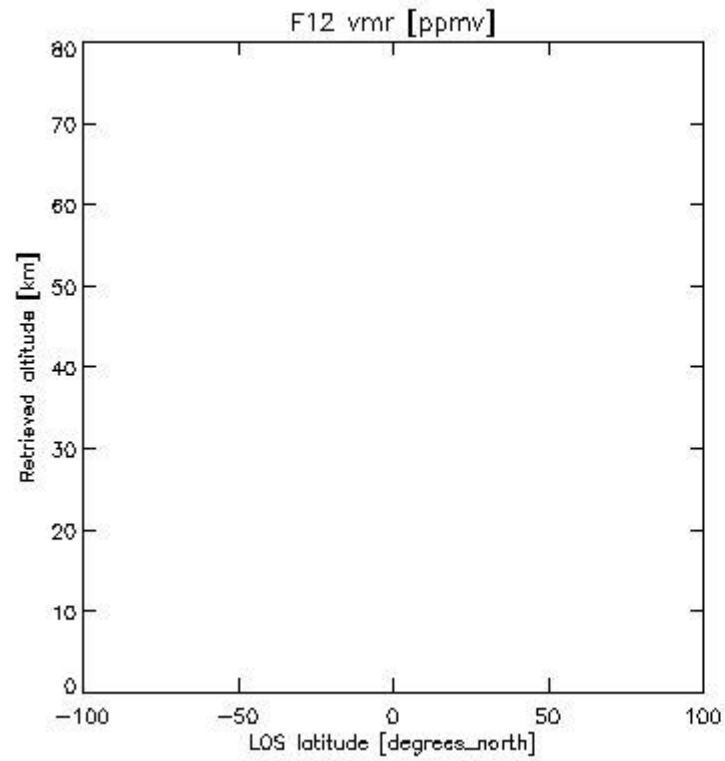
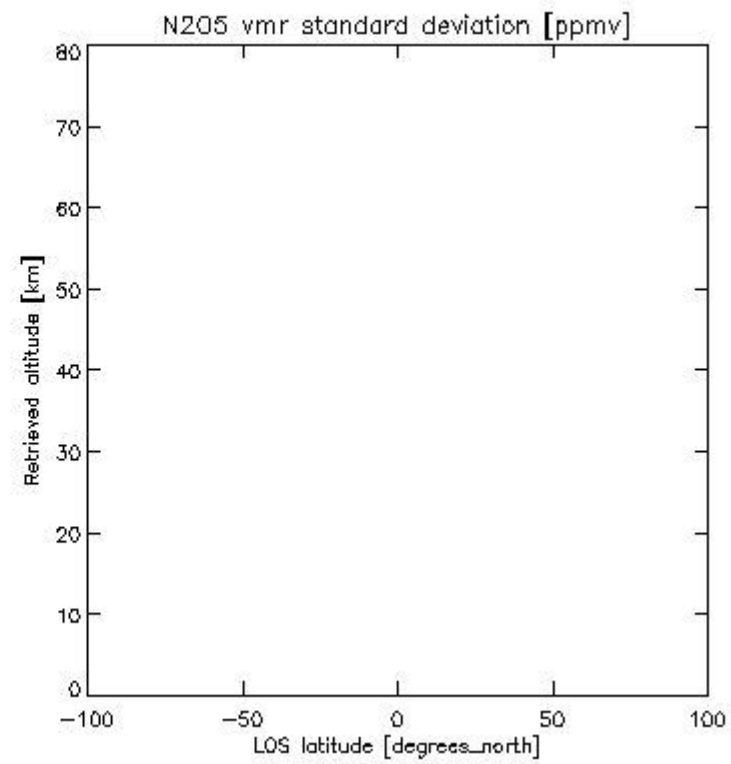
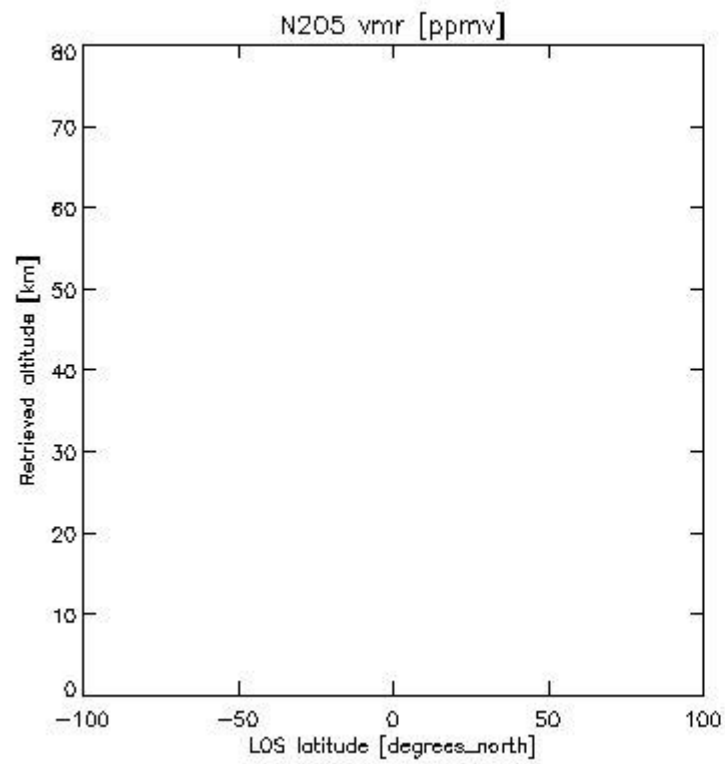


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

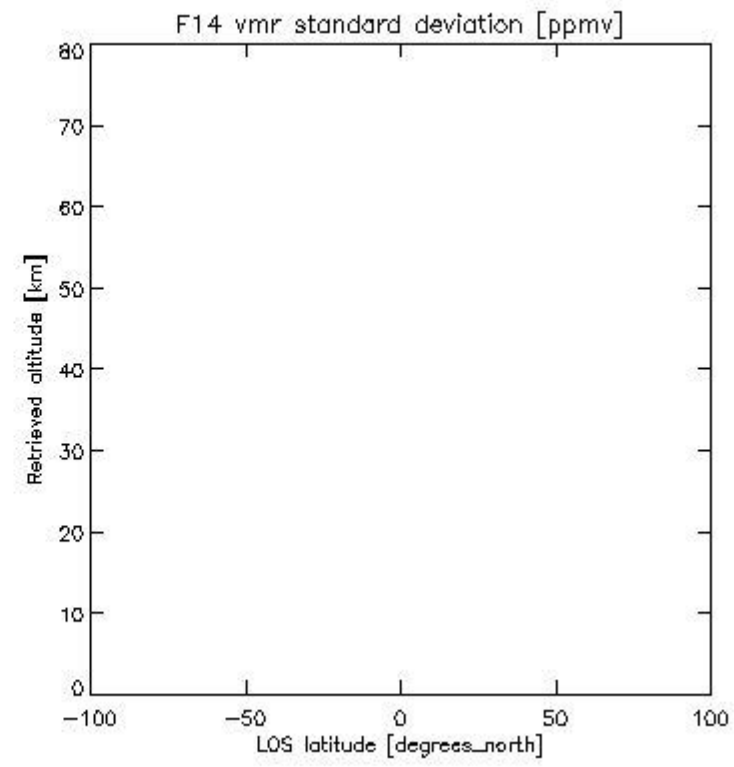
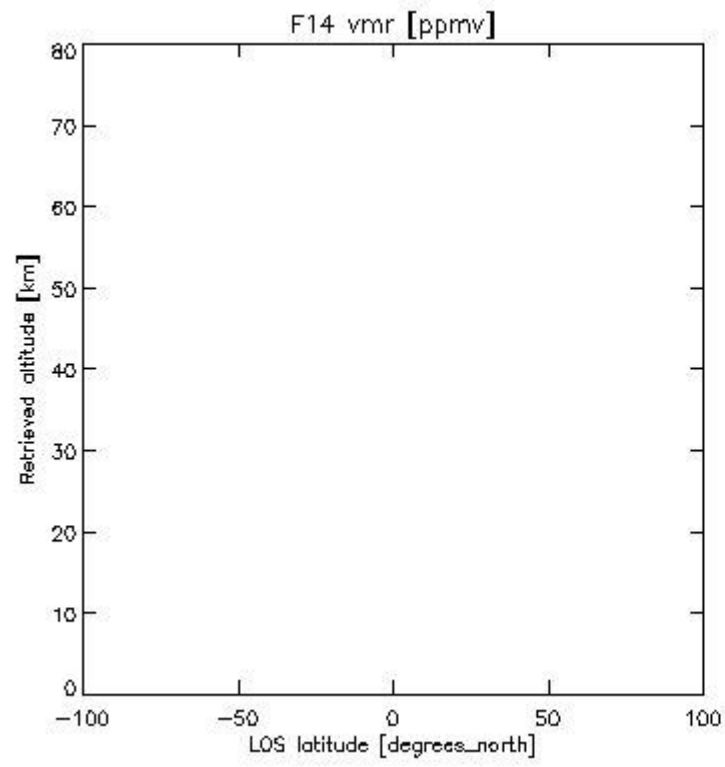
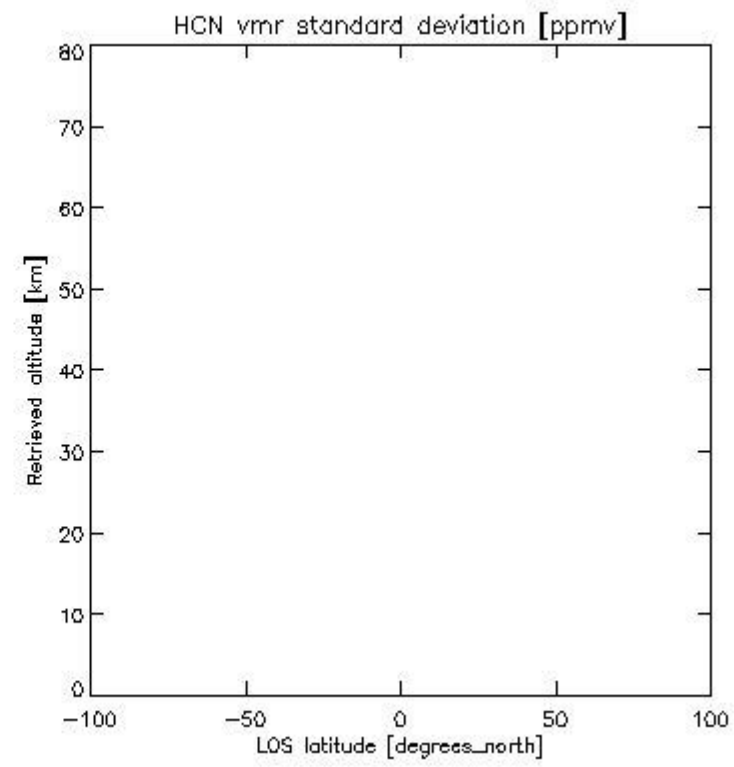
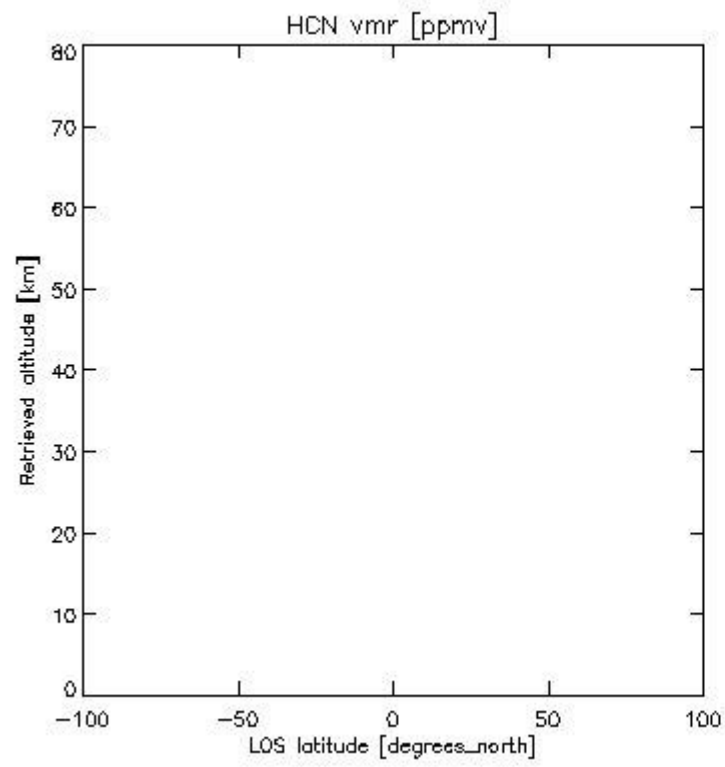


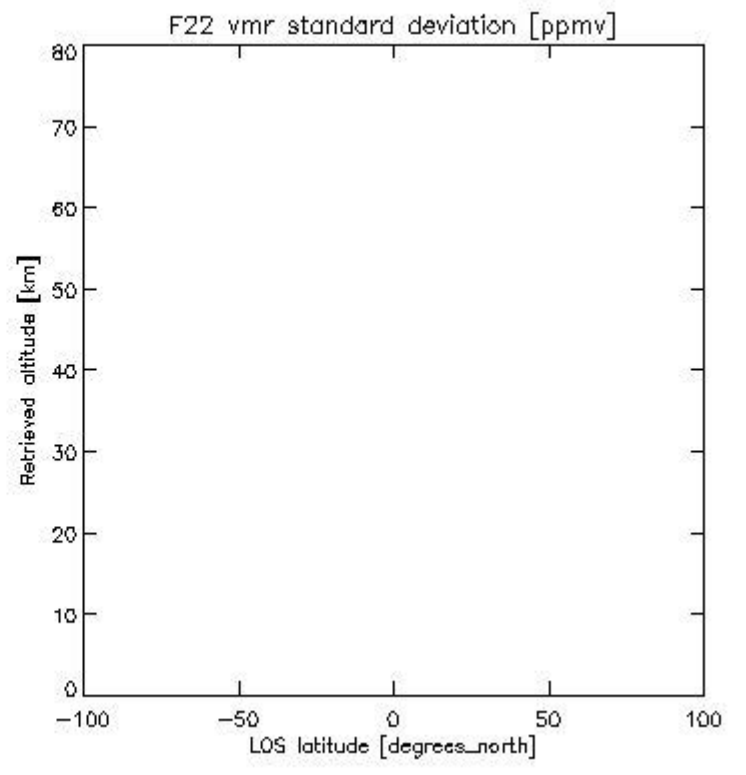
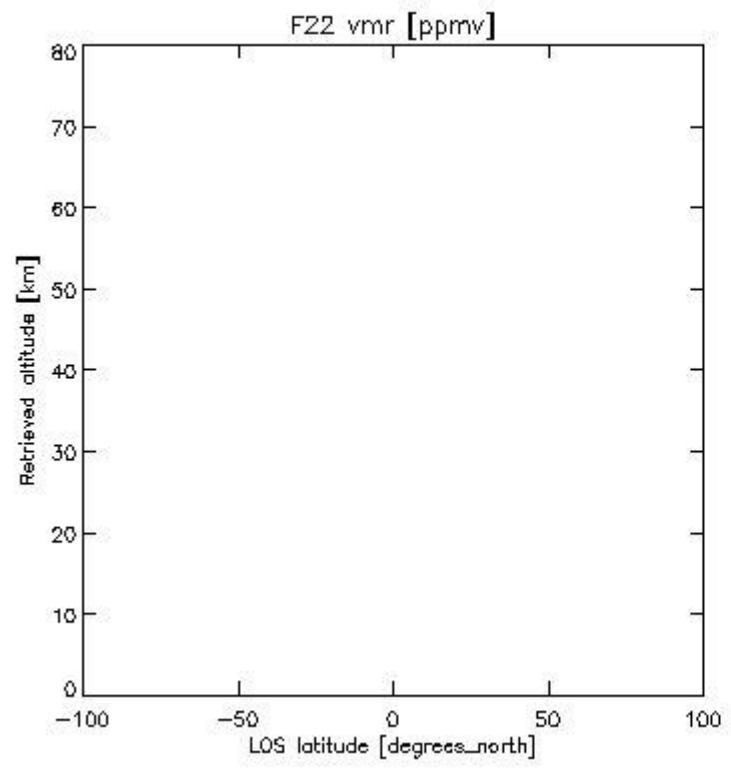
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.











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

