

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20110111.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	16MAY2016 12:18:44
Data source version	ML2PP/7.03-W
Processing scope for products	11JAN2011 00:00:00 to 12JAN2011 00:00:00
Start time of first product within scope	10JAN2011 22:49:59
Stop time of last product within scope	12JAN2011 01:33:51
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.

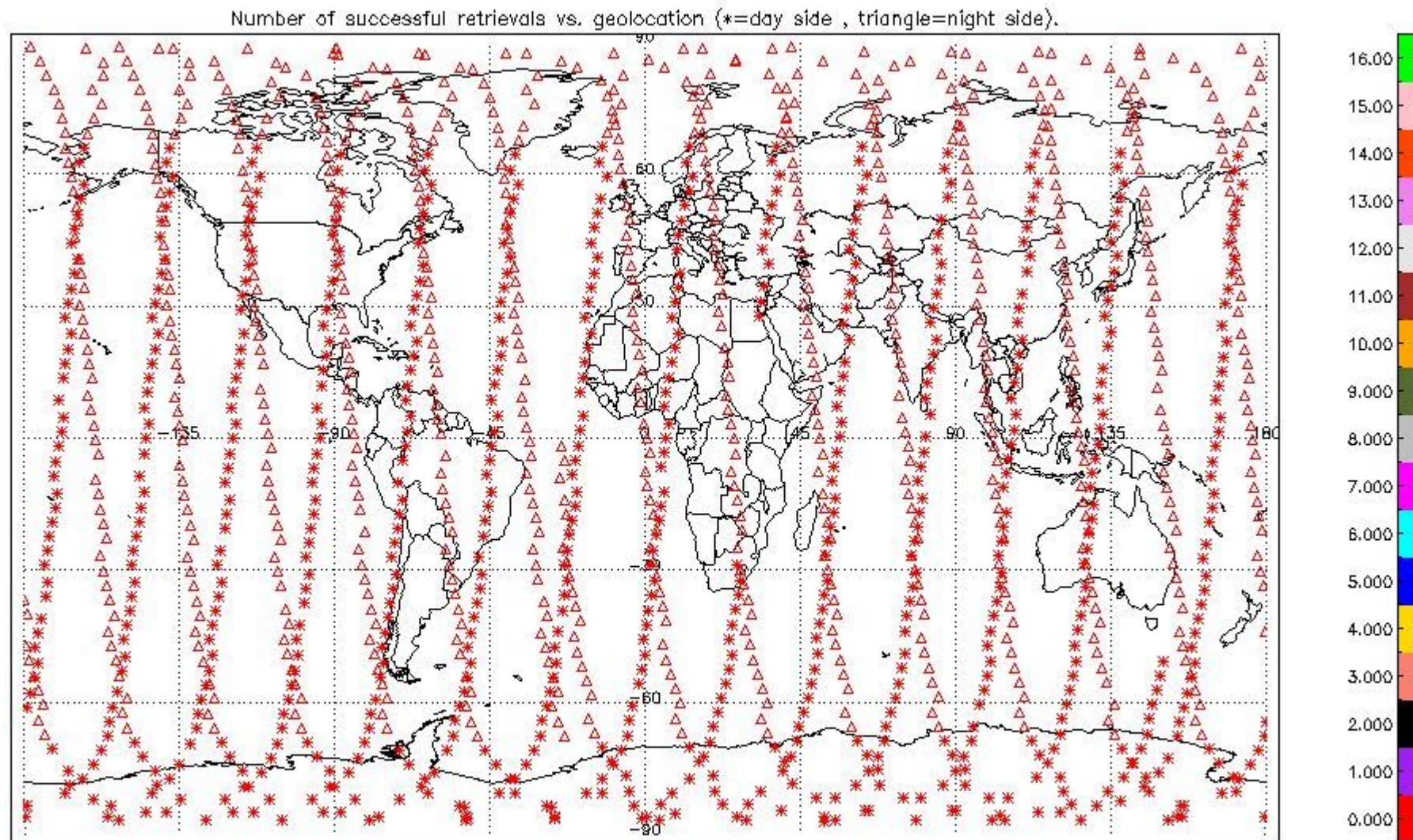
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20110110_224959_000060373098_00217_46352_1000.N1	10JAN2011 22:49:59	11JAN2011 00:30:37	0	100/100	
1	MIP_NL__2PWDSI20110111_003043_000060083098_00218_46353_1000.N1	11JAN2011 00:30:43	11JAN2011 02:10:51	0	103/103	
2	MIP_NL__2PWDSI20110111_021057_000060083098_00219_46354_1000.N1	11JAN2011 02:10:57	11JAN2011 03:51:05	0	103/103	
3	MIP_NL__2PWDSI20110111_035112_000059813098_00220_46355_1000.N1	11JAN2011 03:51:12	11JAN2011 05:30:53	0	102/102	
4	MIP_NL__2PWDSI20110111_053059_000060083098_00221_46356_1000.N1	11JAN2011 05:30:59	11JAN2011 07:11:07	0	103/103	
5	MIP_NL__2PWDSI20110111_071113_000060103098_00222_46357_1000.N1	11JAN2011 07:11:13	11JAN2011 08:51:24	0	88/88	
6	MIP_NL__2PWDSI20110111_085130_000060083098_00223_46358_1000.N1	11JAN2011 08:51:30	11JAN2011 10:31:38	0	103/103	
7	MIP_NL__2PWDSI20110111_103214_000060083098_00224_46359_1000.N1	11JAN2011 10:32:14	11JAN2011 12:12:22	0	103/103	
8	MIP_NL__2PWDSI20110111_121228_000060083098_00225_46360_1000.N1	11JAN2011 12:12:28	11JAN2011 13:52:36	0	103/103	
9	MIP_NL__2PWDSI20110111_135242_000059523098_00226_46361_1000.N1	11JAN2011 13:52:42	11JAN2011 15:31:54	0	102/102	
10	MIP_NL__2PWDSI20110111_153229_000060083098_00227_46362_1000.N1	11JAN2011 15:32:29	11JAN2011 17:12:37	0	103/103	
11	MIP_NL__2PWDSI20110111_171244_000060083098_00228_46363_1000.N1	11JAN2011 17:12:44	11JAN2011 18:52:52	0	103/103	
12	MIP_NL__2PWDSI20110111_185258_000060373098_00229_46364_1000.N1	11JAN2011 18:52:58	11JAN2011 20:33:35	0	103/103	
13	MIP_NL__2PWDSI20110111_203342_000060083098_00230_46365_1000.N1	11JAN2011 20:33:42	11JAN2011 22:13:50	0	103/103	
14	MIP_NL__2PWDSI20110111_221356_000060083098_00231_46366_1000.N1	11JAN2011 22:13:56	11JAN2011 23:54:04	0	103/103	
15	MIP_NL__2PWDSI20110111_235410_000059813098_00232_46367_1000.N1	11JAN2011 23:54:10	12JAN2011 01:33:51	0	102/102	

2.2 Processing performance indicators

2.2.1 Successful retrievals

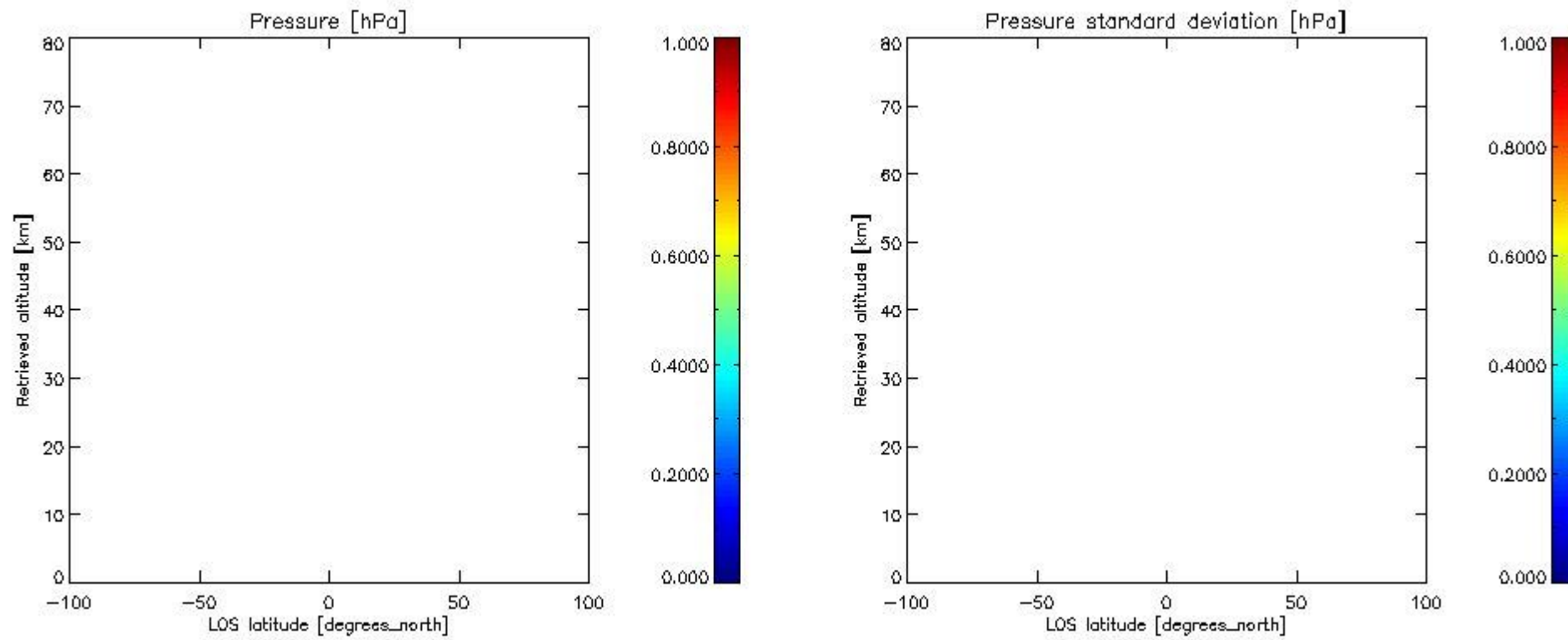
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1627	0	0.0000
H2O	1627	0	0.0000
O3	1627	0	0.0000
HNO3	1627	0	0.0000
CH4	1627	0	0.0000
N2O	1627	0	0.0000
NO2	1627	0	0.0000
F11	1627	0	0.0000
CLNO	1627	0	0.0000
N2O5	1627	0	0.0000
F12	1627	0	0.0000
COF2	1627	0	0.0000
CCL4	1627	0	0.0000
HCN	1627	0	0.0000
F14	1627	0	0.0000
F22	1627	0	0.0000



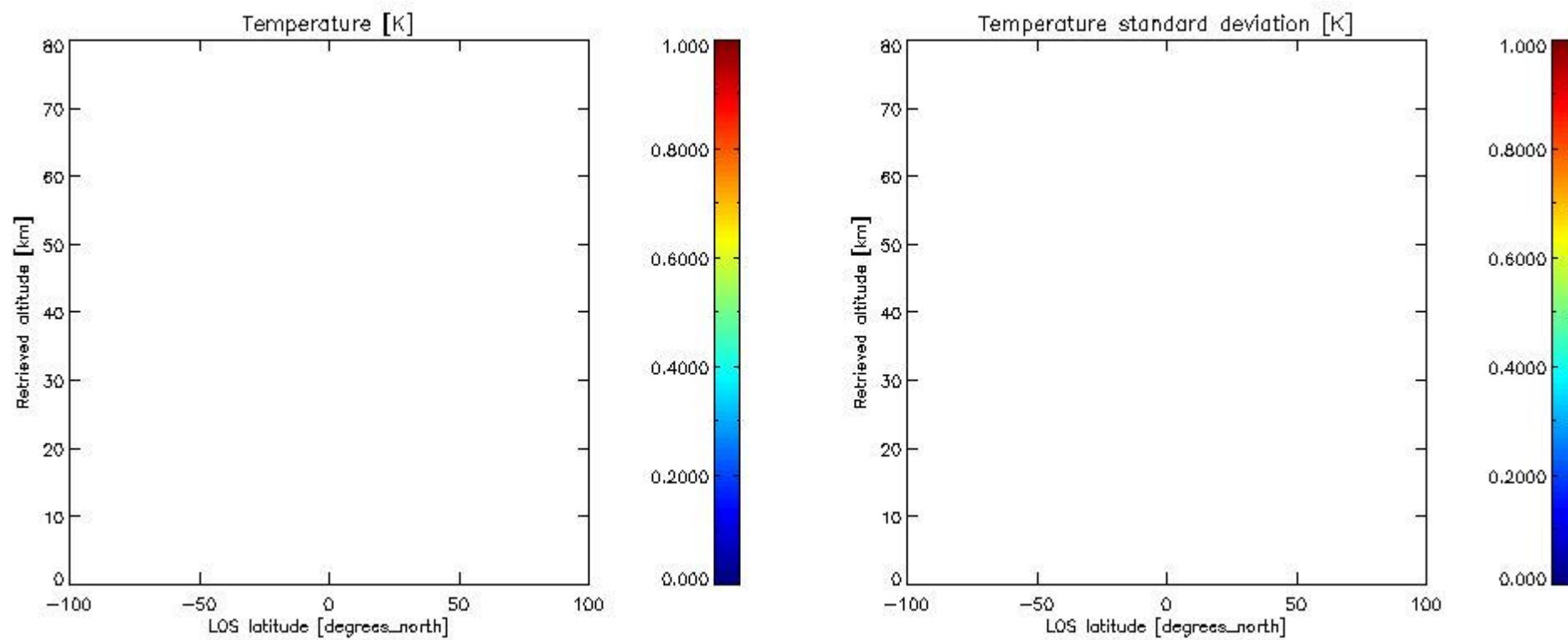
2.2.2 Pressure overview

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



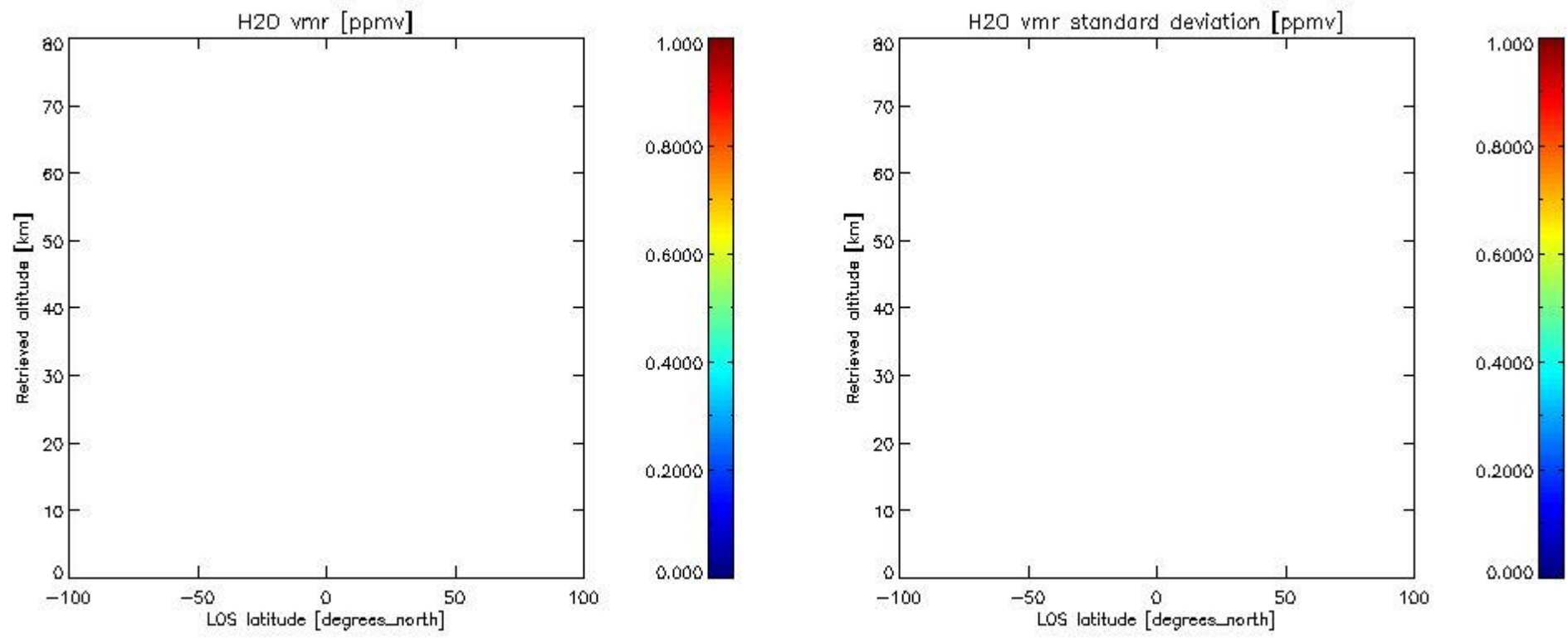
2.2.3 Temperature overview

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

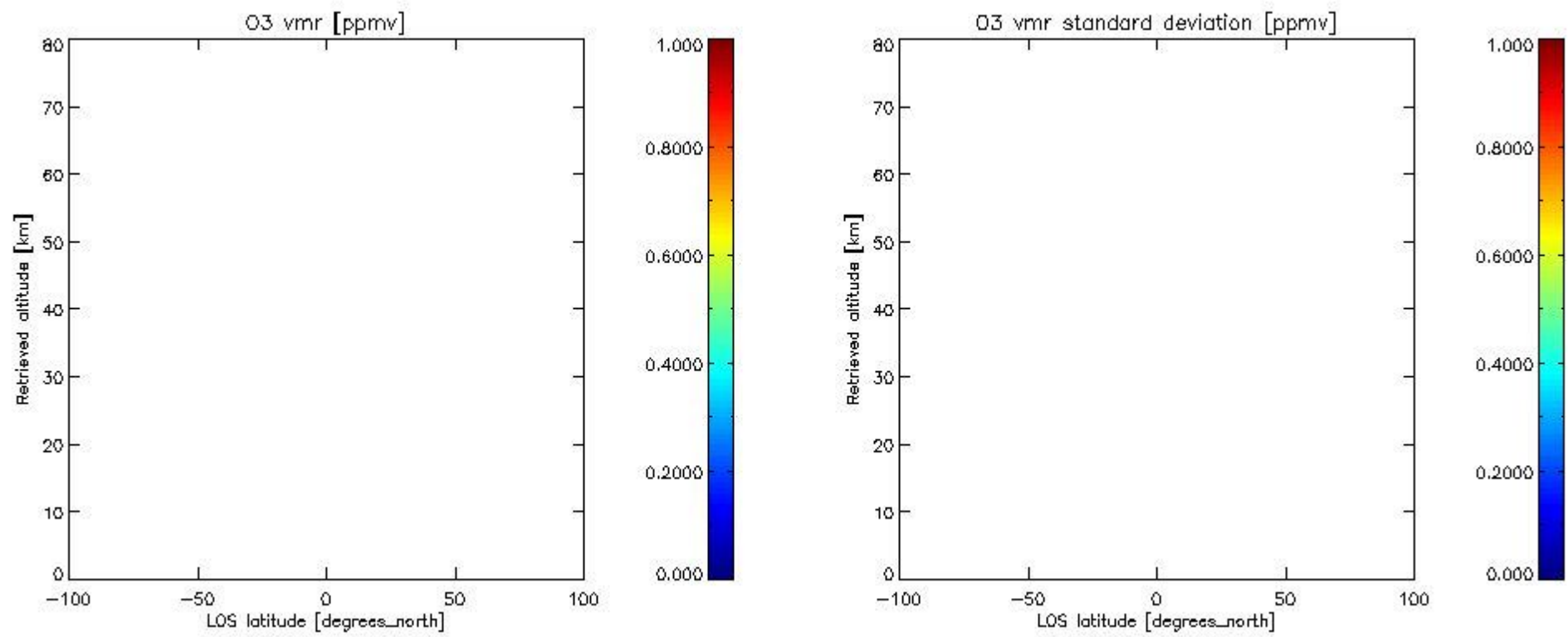


2.2.4 Species overview

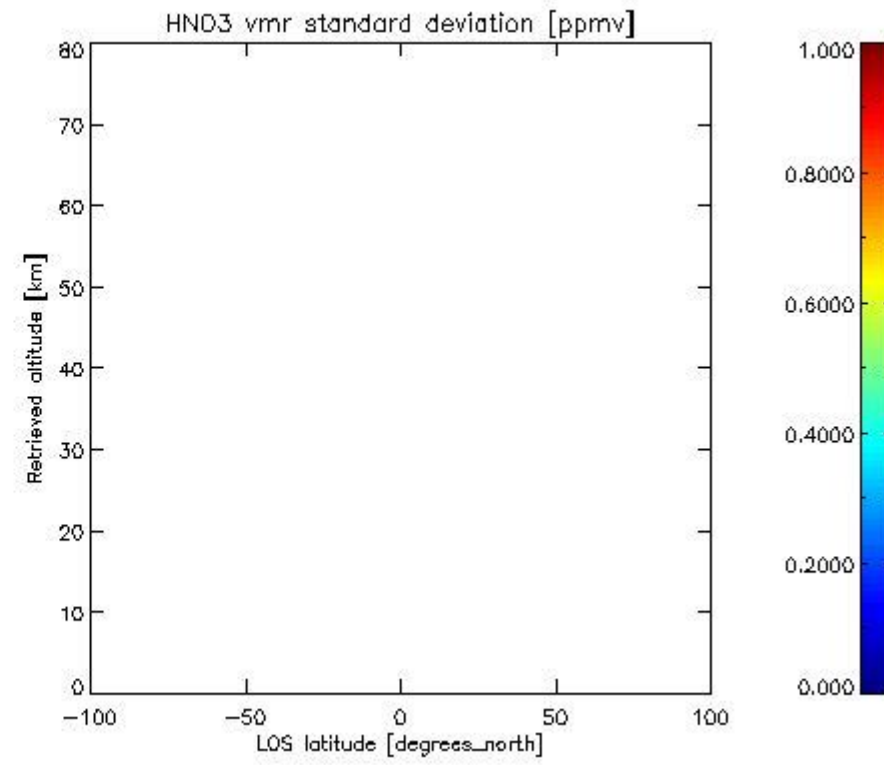
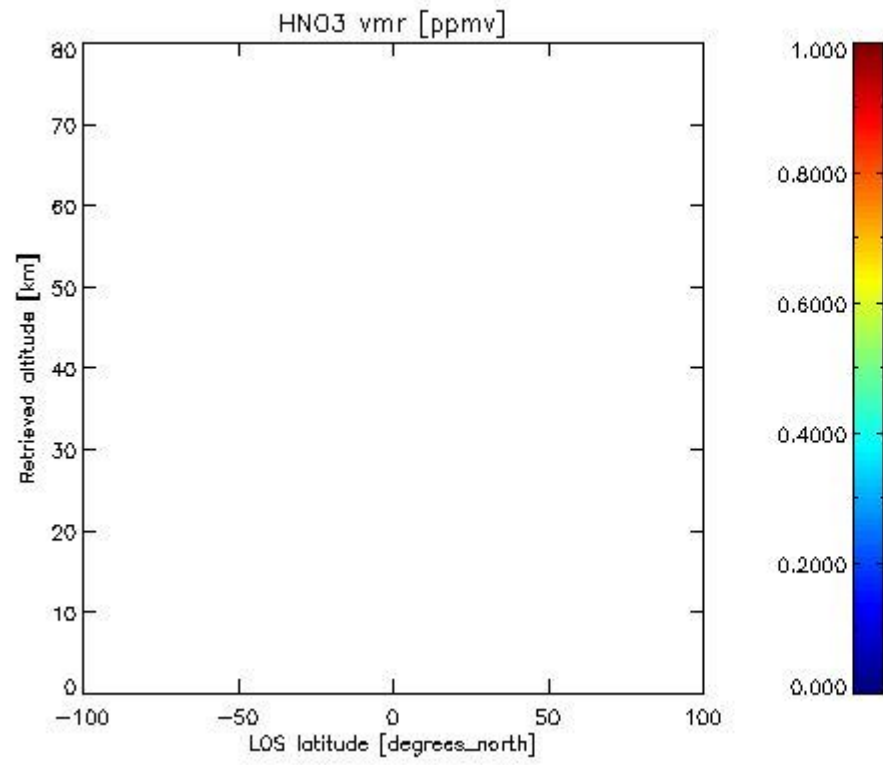
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



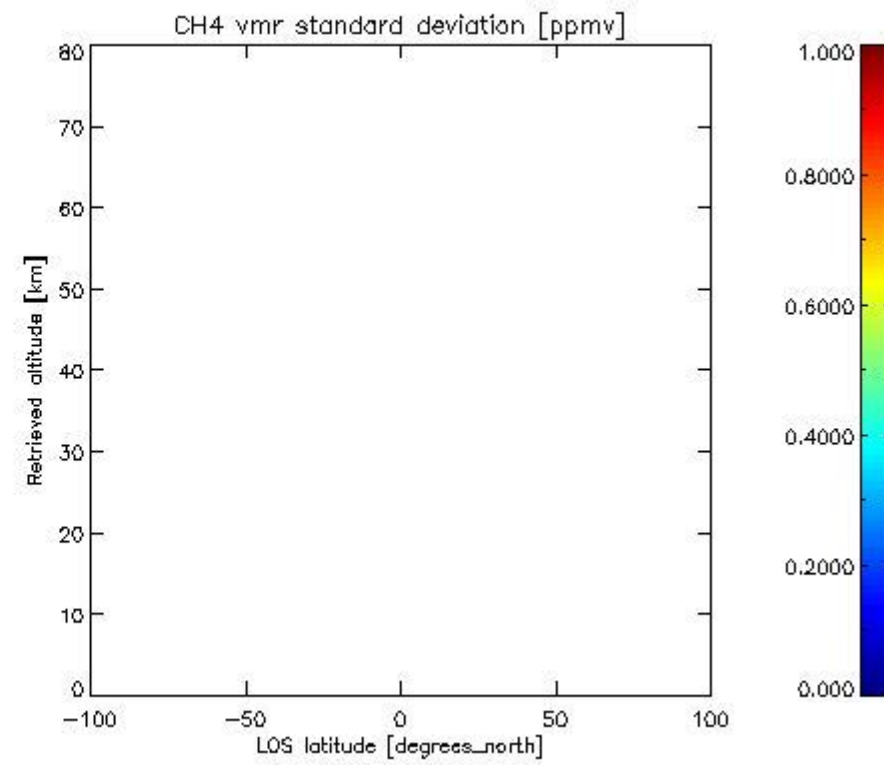
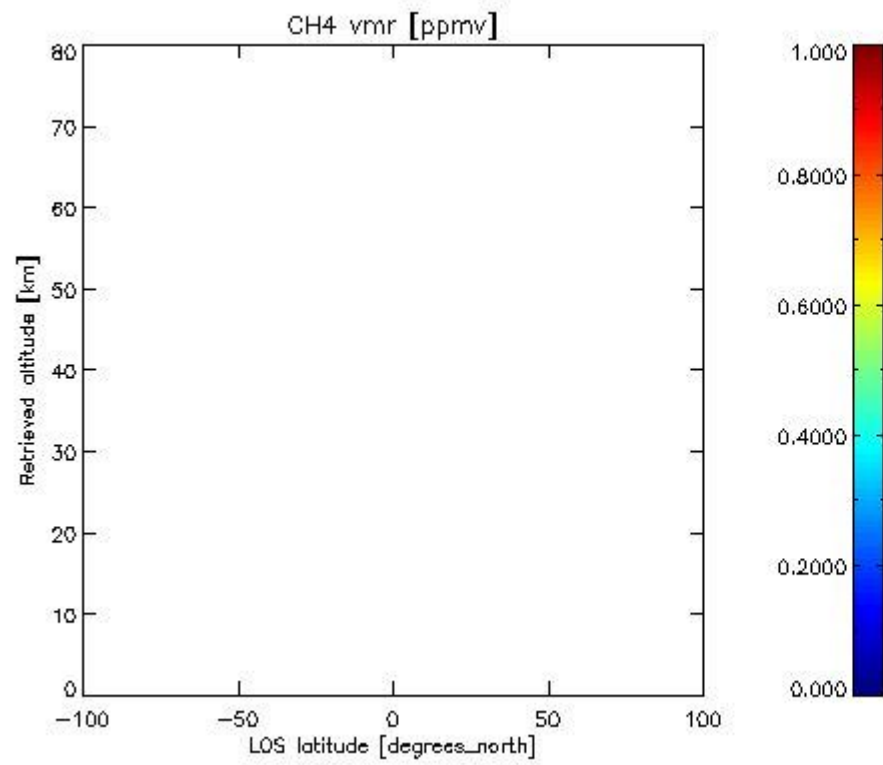
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



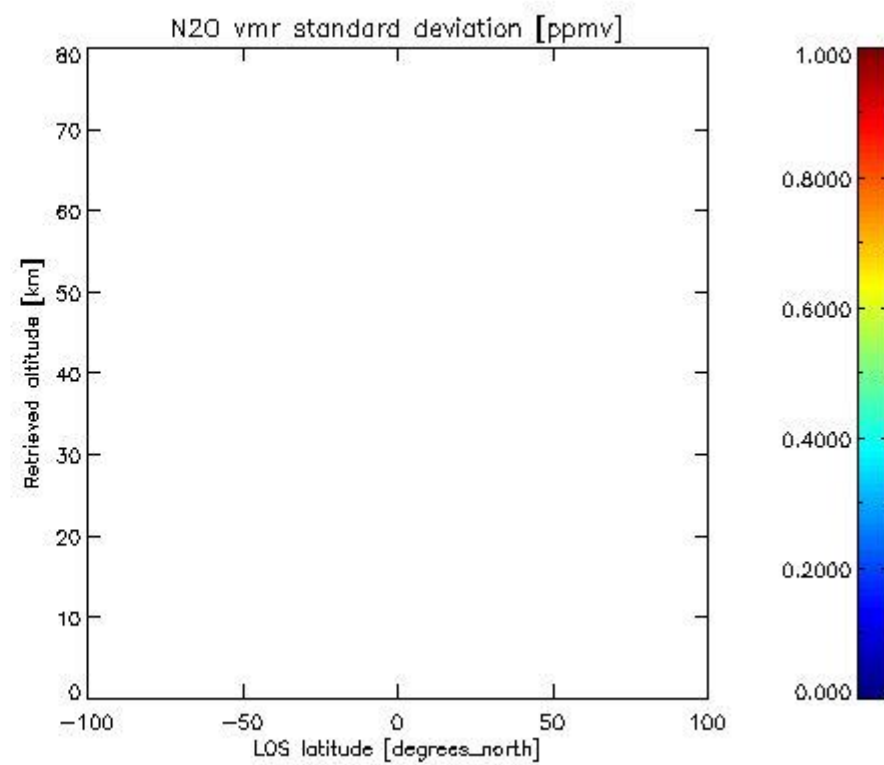
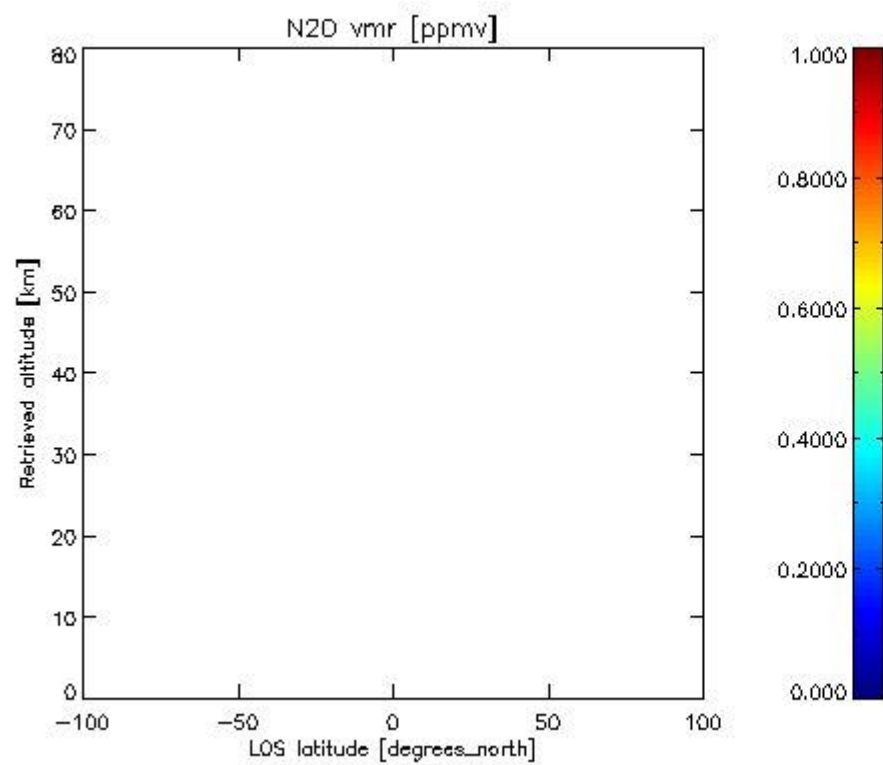
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



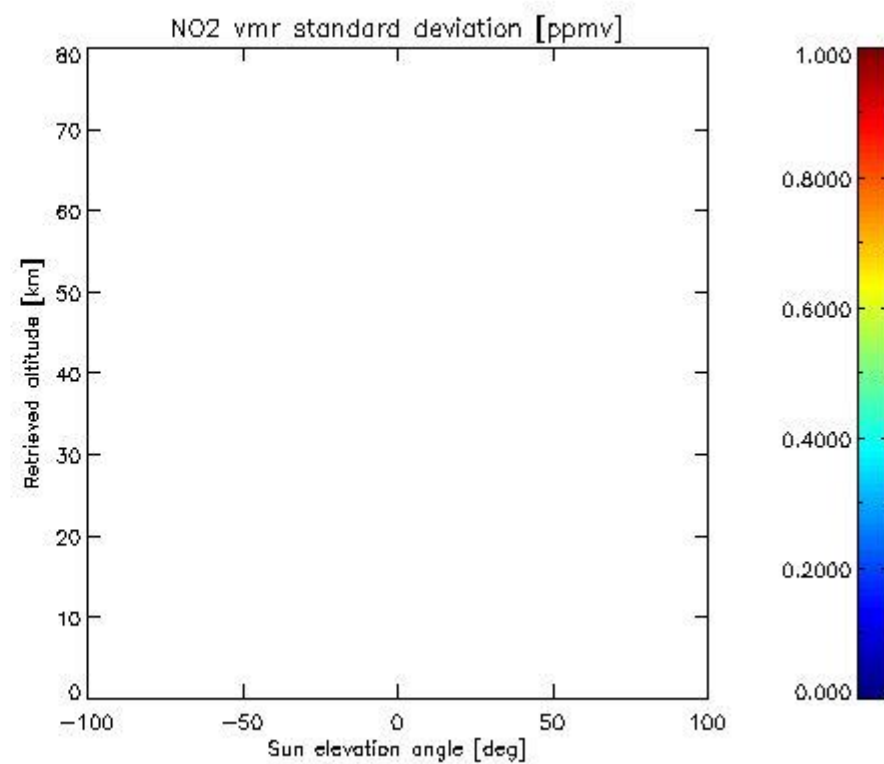
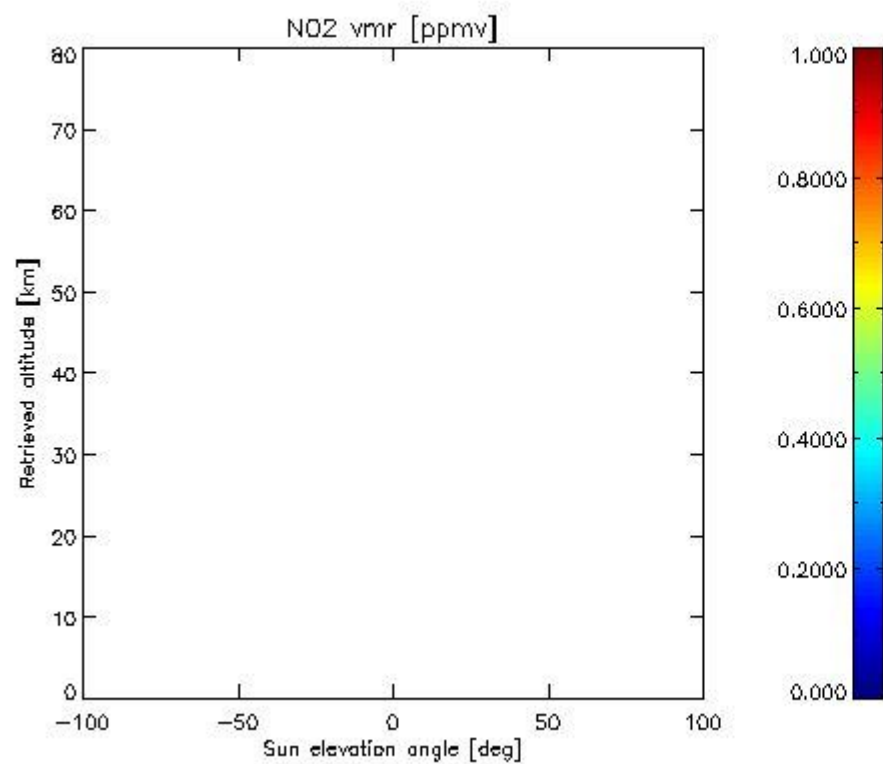
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



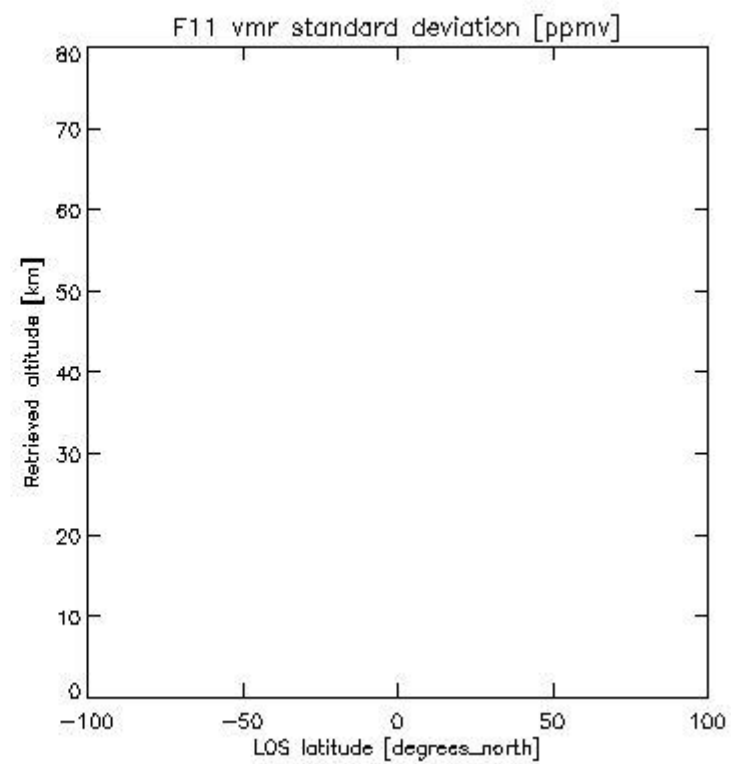
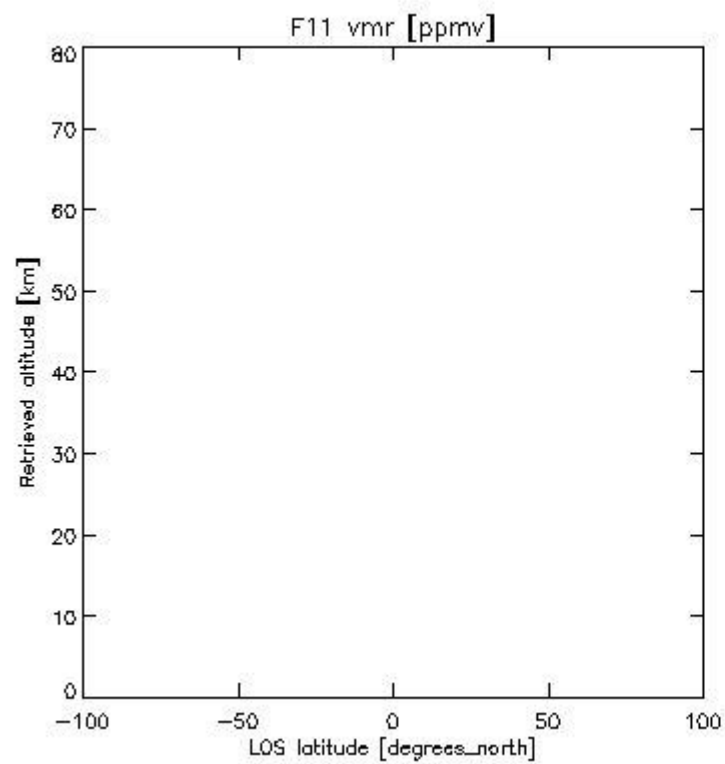
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



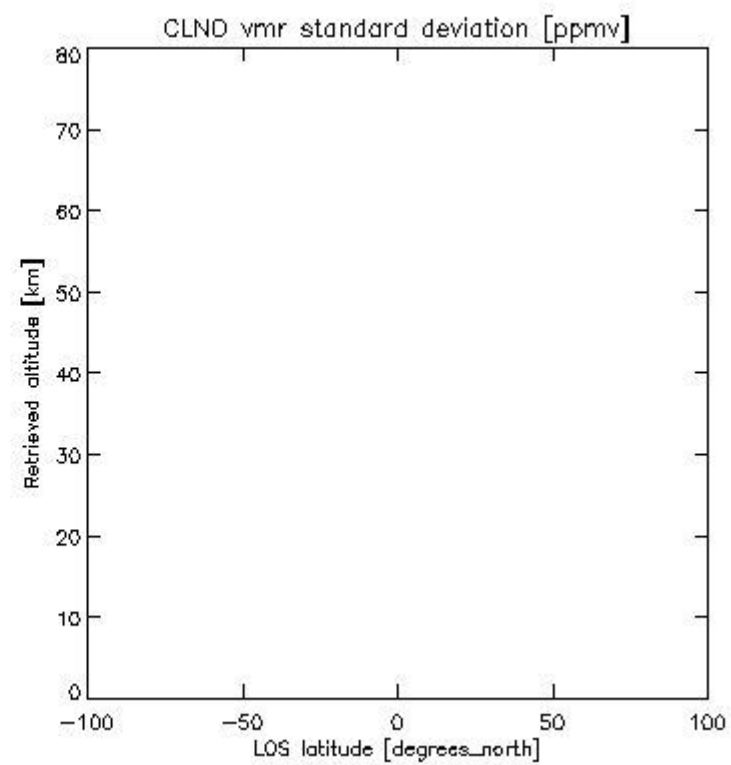
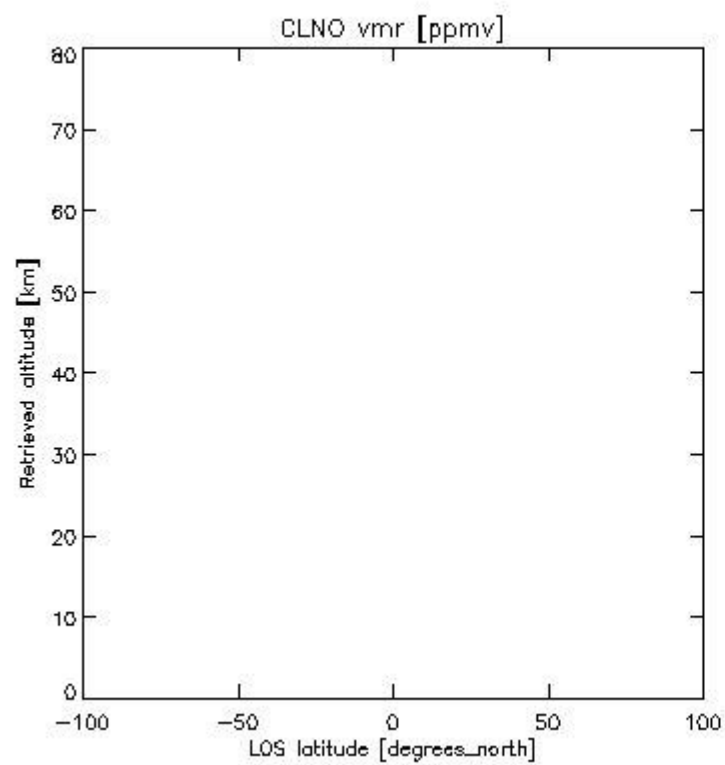
2.2.4.6 NO2 overview This section shows values (left) and error (right) for NO2 after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO2 the bin heights are 6 km.

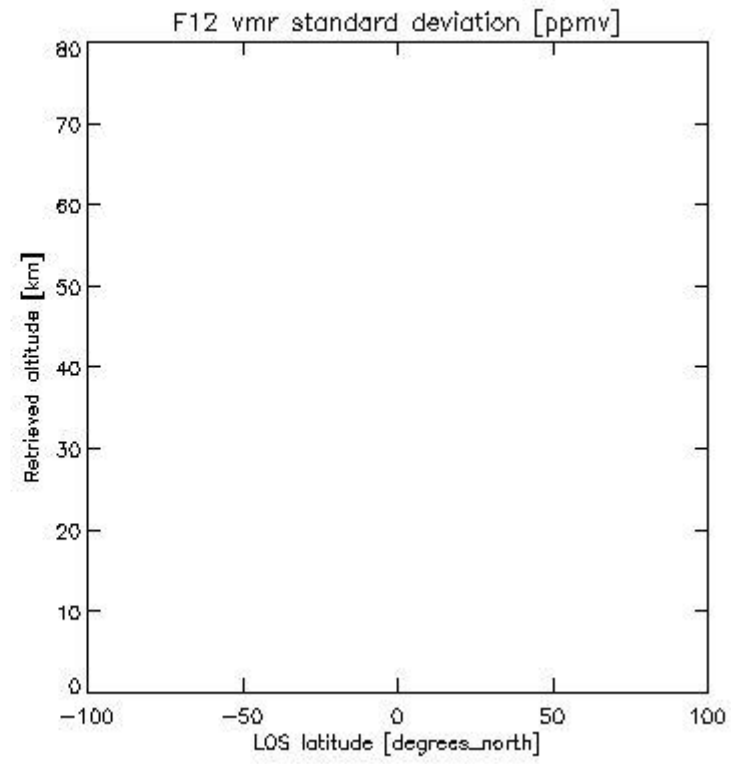
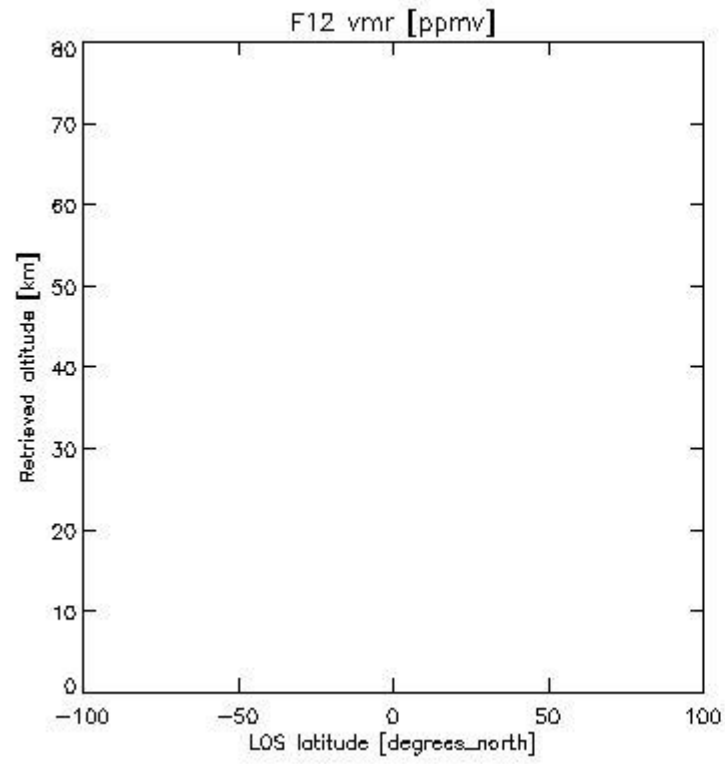
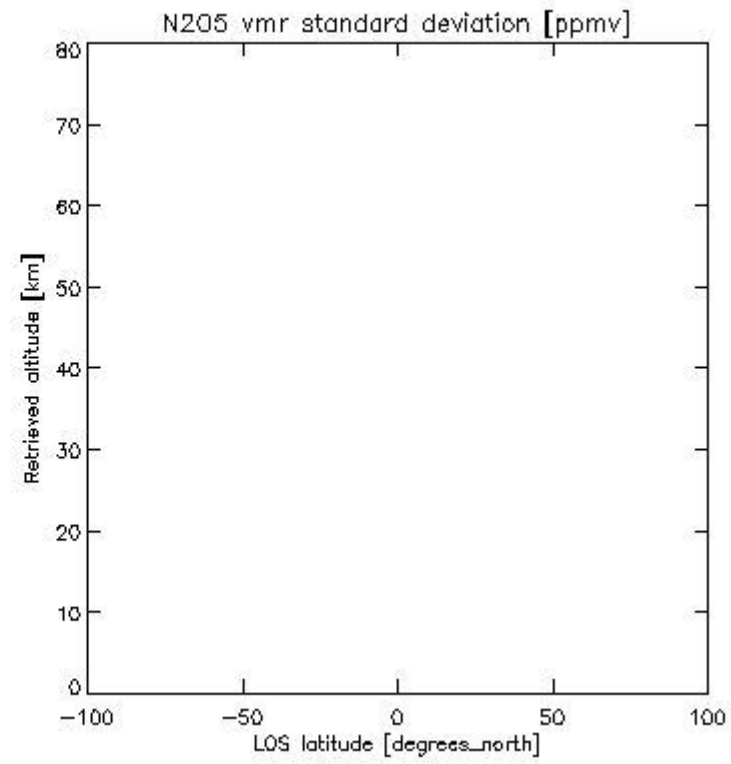
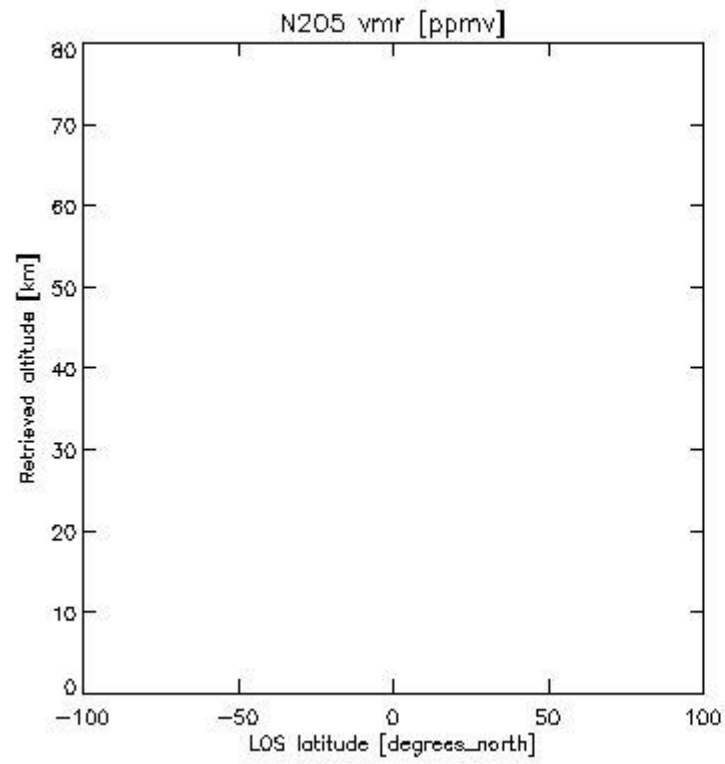


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

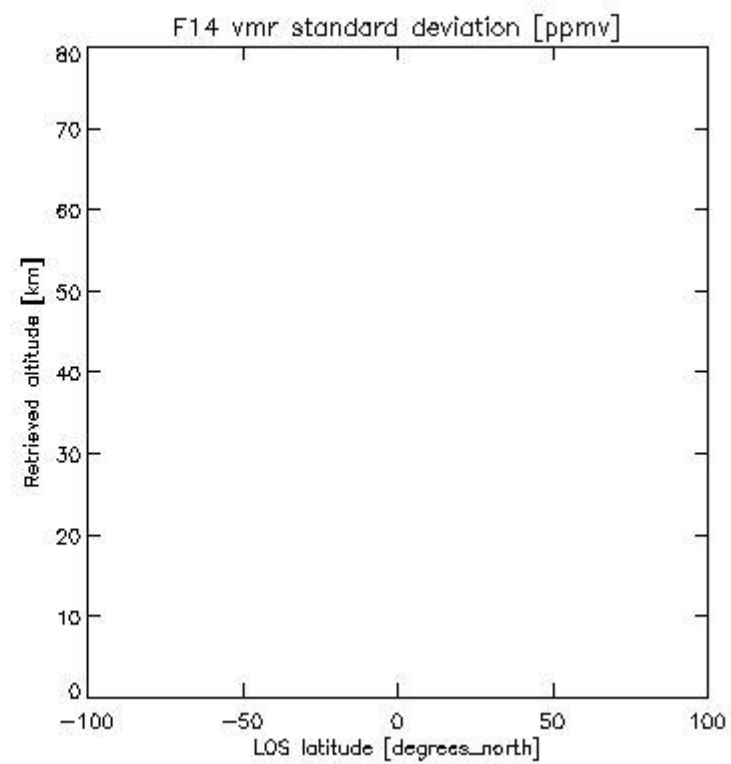
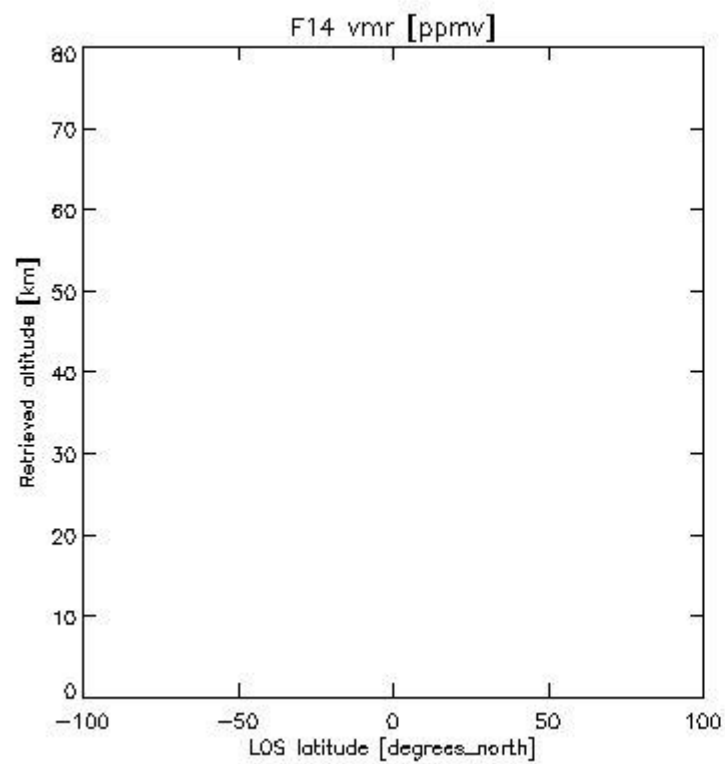
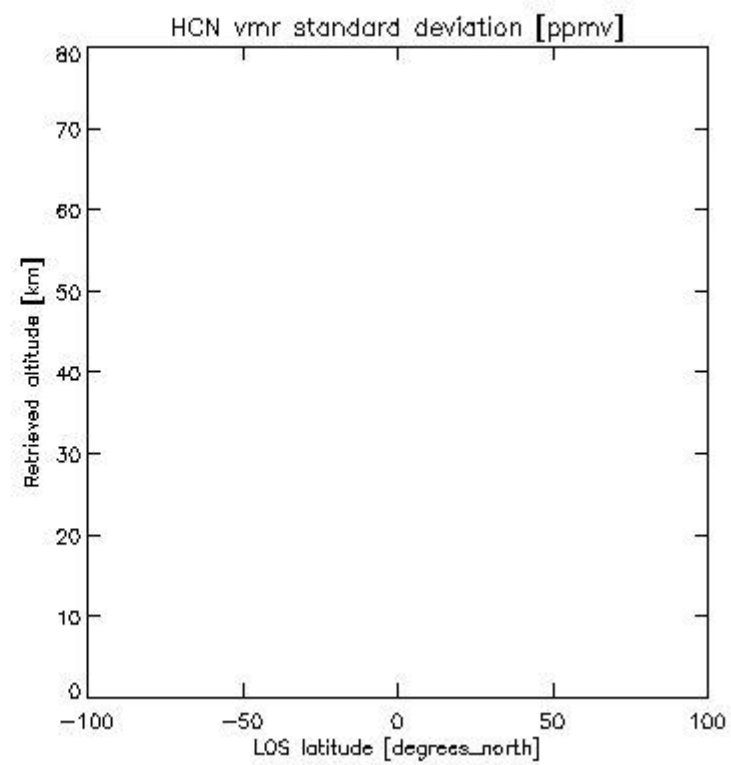
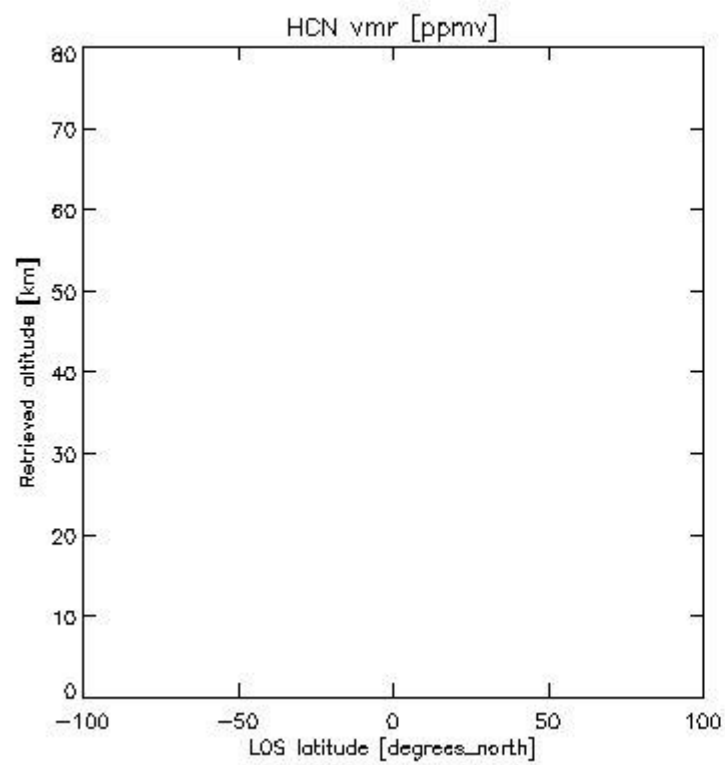


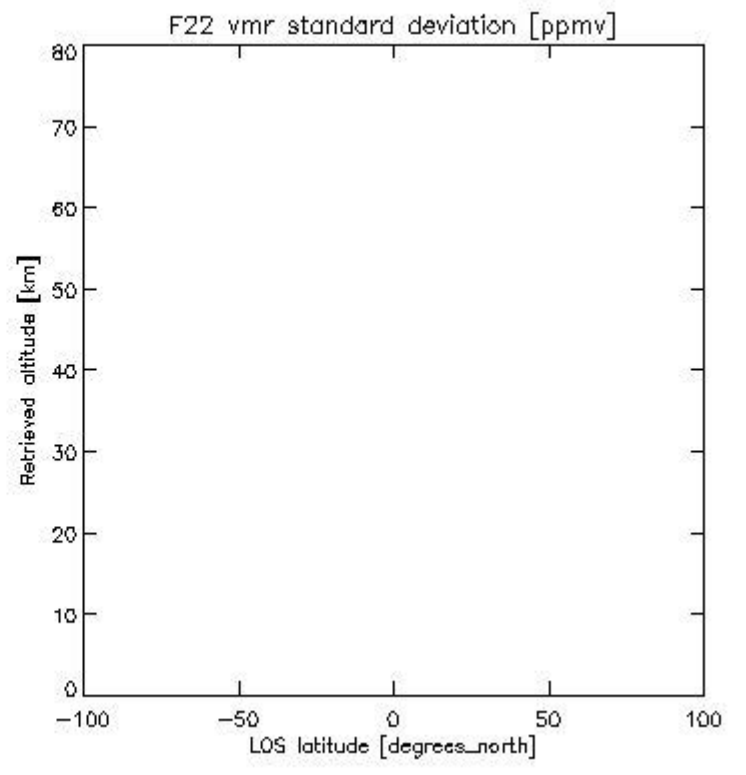
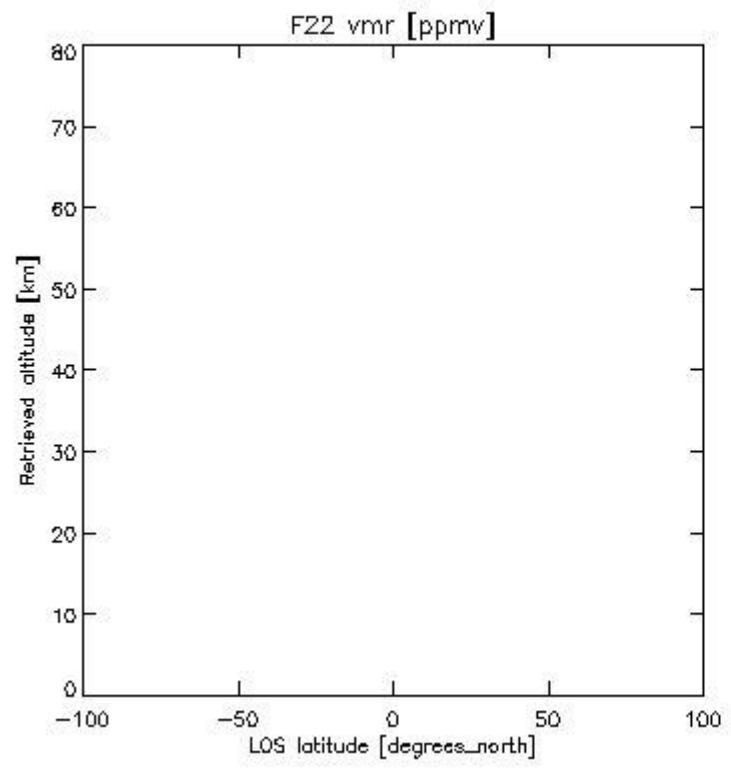
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.











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

