

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20050129.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 08:31:36
Data source version	ML2PP/7.03-W
Processing scope for products	29JAN2005 00:00:00 to 30JAN2005 00:00:00
Start time of first product within scope	29JAN2005 10:39:15
Stop time of last product within scope	29JAN2005 22:16:54
Total number of level 2 products	7
Number of level 2 products with errors	1

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__2PWDSI20050129_103915_000016552034_00166_15250_1000.N1	29JAN2005 10:39:15	29JAN2005 11:06:50	0	59/59	
1	MIP_NL__2PWDSI20050129_125028_000041342034_00167_15251_1000.N1	29JAN2005 12:50:28	29JAN2005 13:59:22	0	147/147	
2	MIP_NL__2PWDSI20050129_135955_000060402034_00168_15252_1000.N1	29JAN2005 13:59:55	29JAN2005 15:40:35	0	215/215	
3	MIP_NL__2PWDSI20050129_154041_000060132034_00169_15253_1000.N1	29JAN2005 15:40:41	29JAN2005 17:20:54	0	214/214	
4	MIP_NL__2PWDSI20050129_172100_000060422034_00170_15254_1000.N1	29JAN2005 17:21:00	29JAN2005 19:01:42	0	214/214	
5	MIP_NL__2PWDSI20050129_190148_000060132034_00171_15255_1000.N1	29JAN2005 19:01:48	29JAN2005 20:42:01	0	214/214	
6	MIP_NL__2PWDSI20050129_204207_000056872034_00172_15256_1000.N1	29JAN2005 20:42:07	29JAN2005 22:16:54	1	72/72	

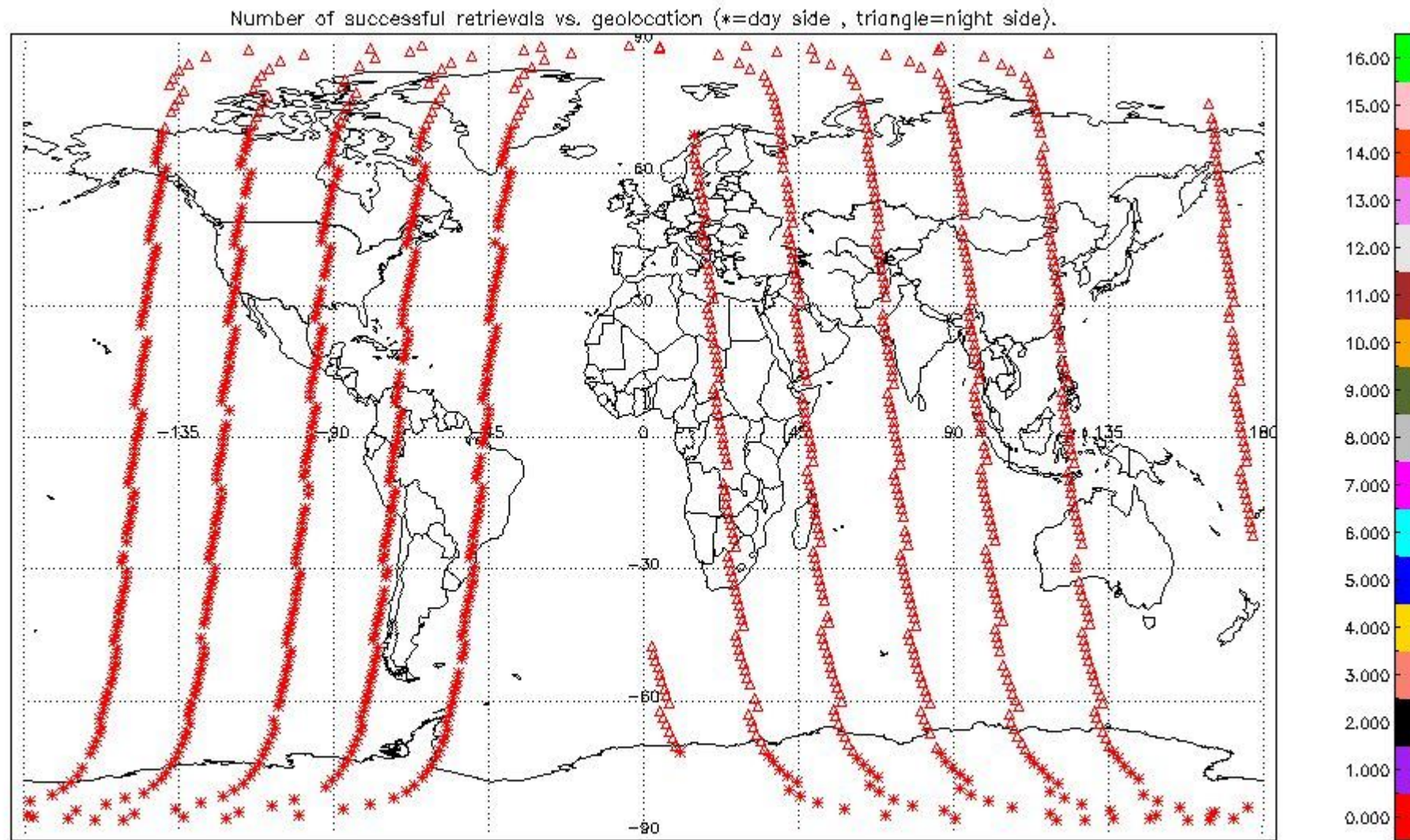
2.2 Processing performance indicators

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.

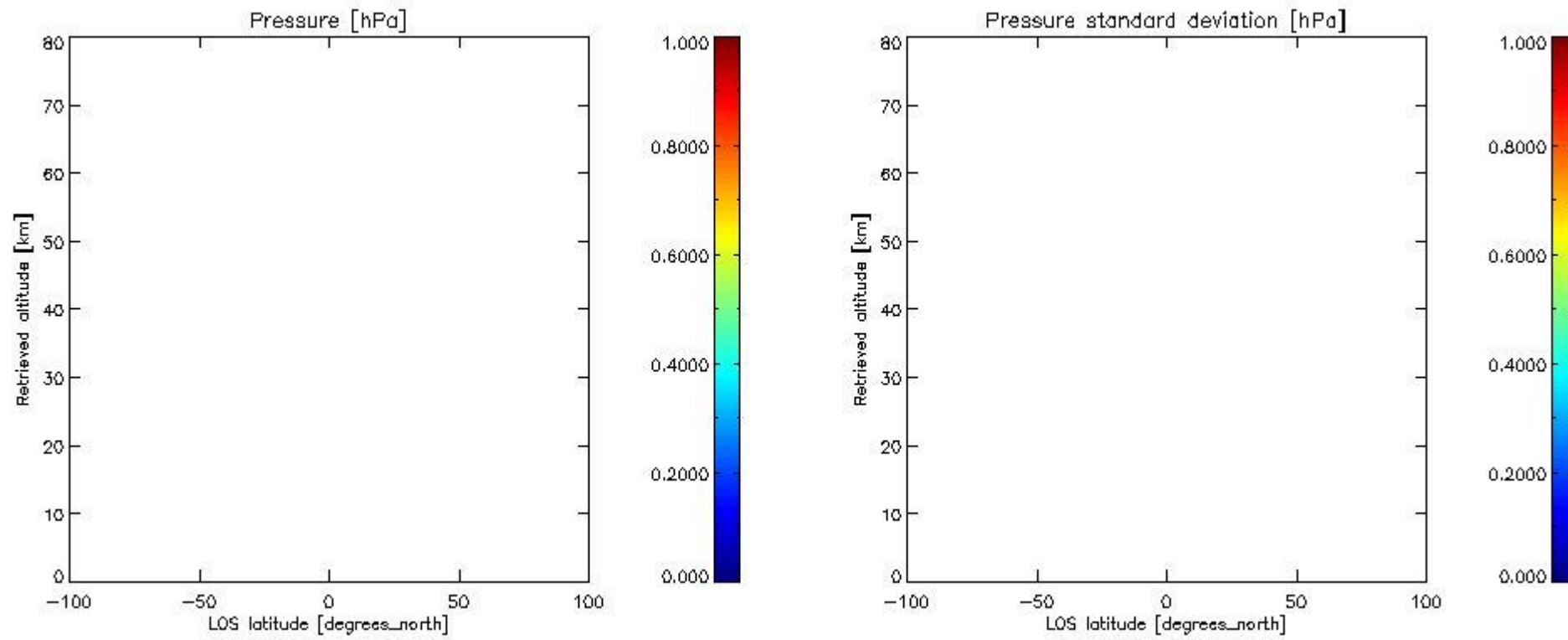
RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1135	0	0.0000
H2O	1135	0	0.0000
O3	1135	0	0.0000

HNO3	1135	0	0.0000
CH4	1135	0	0.0000
N2O	1135	0	0.0000
NO2	1135	0	0.0000
F11	1135	0	0.0000
CLNO	1135	0	0.0000
N2O5	1135	0	0.0000
F12	1135	0	0.0000
COF2	1135	0	0.0000
CCL4	1135	0	0.0000
HCN	1135	0	0.0000
F14	1135	0	0.0000
F22	1135	0	0.0000



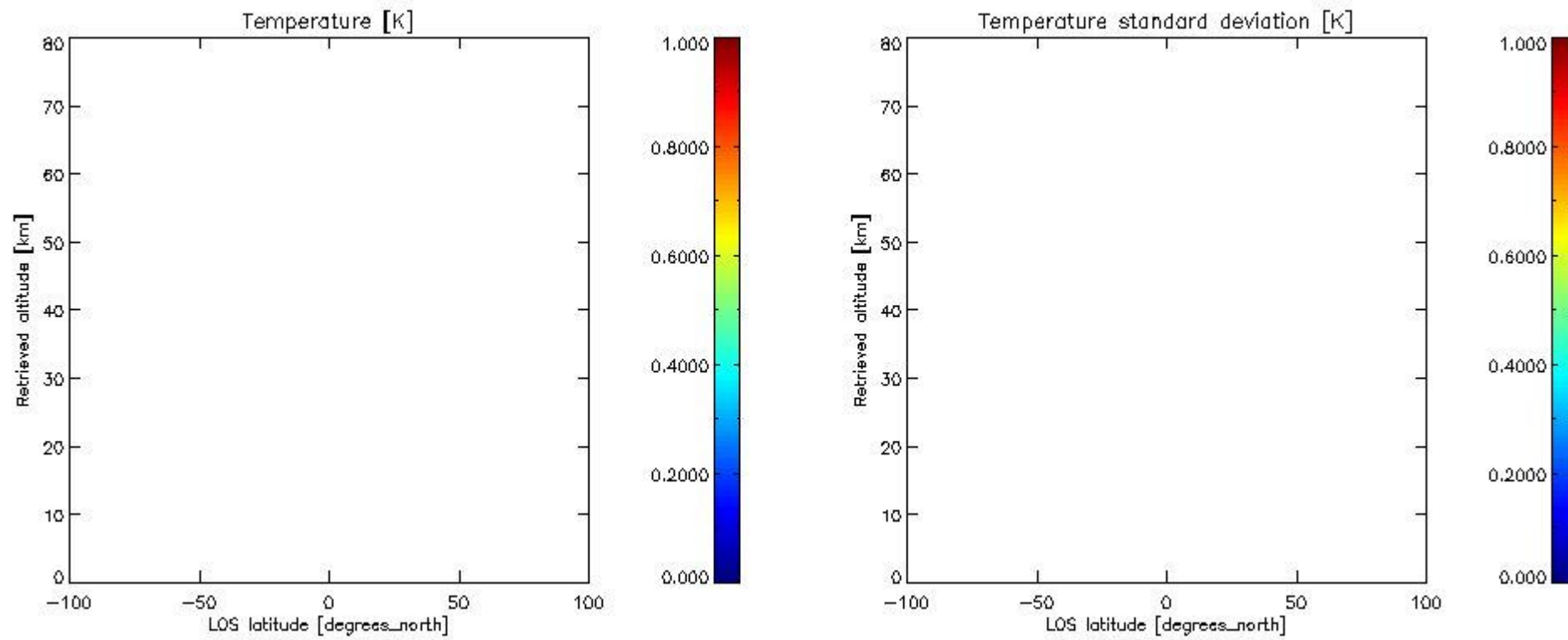
2.2.2 Pressure overview

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



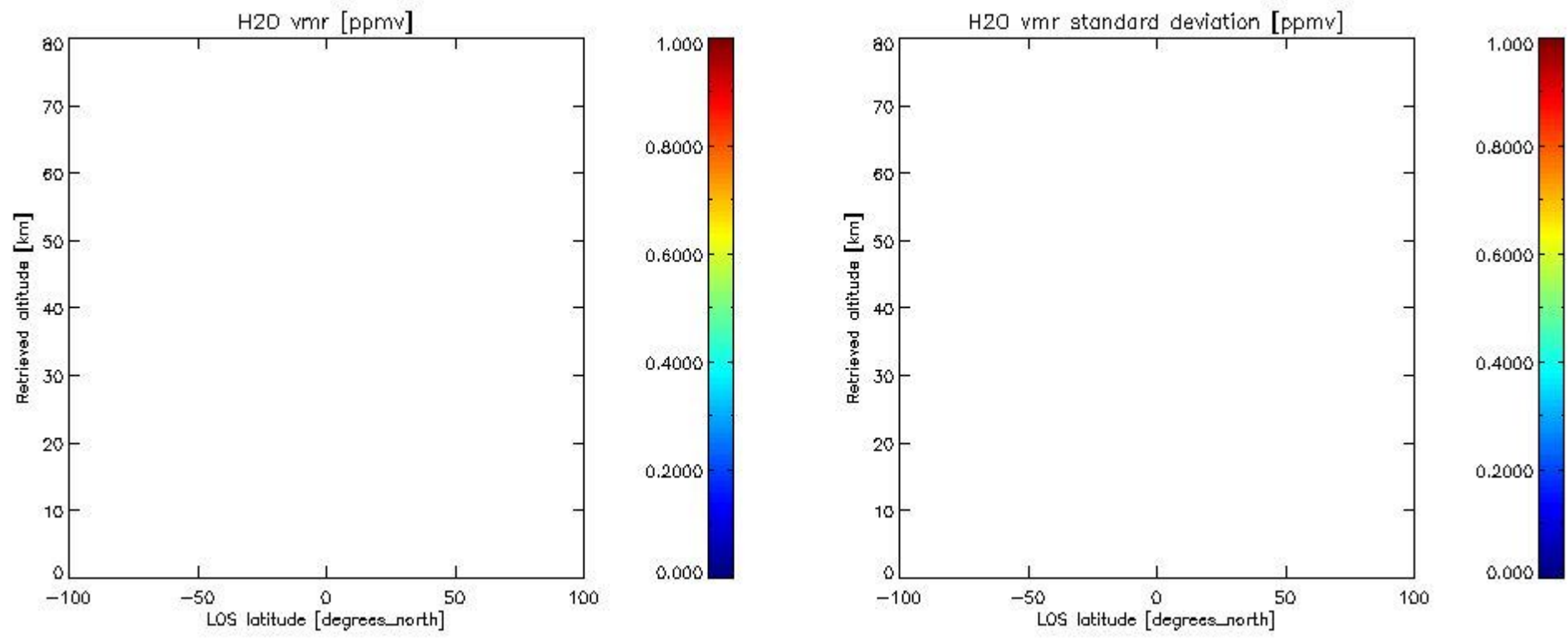
2.2.3 Temperature overview

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

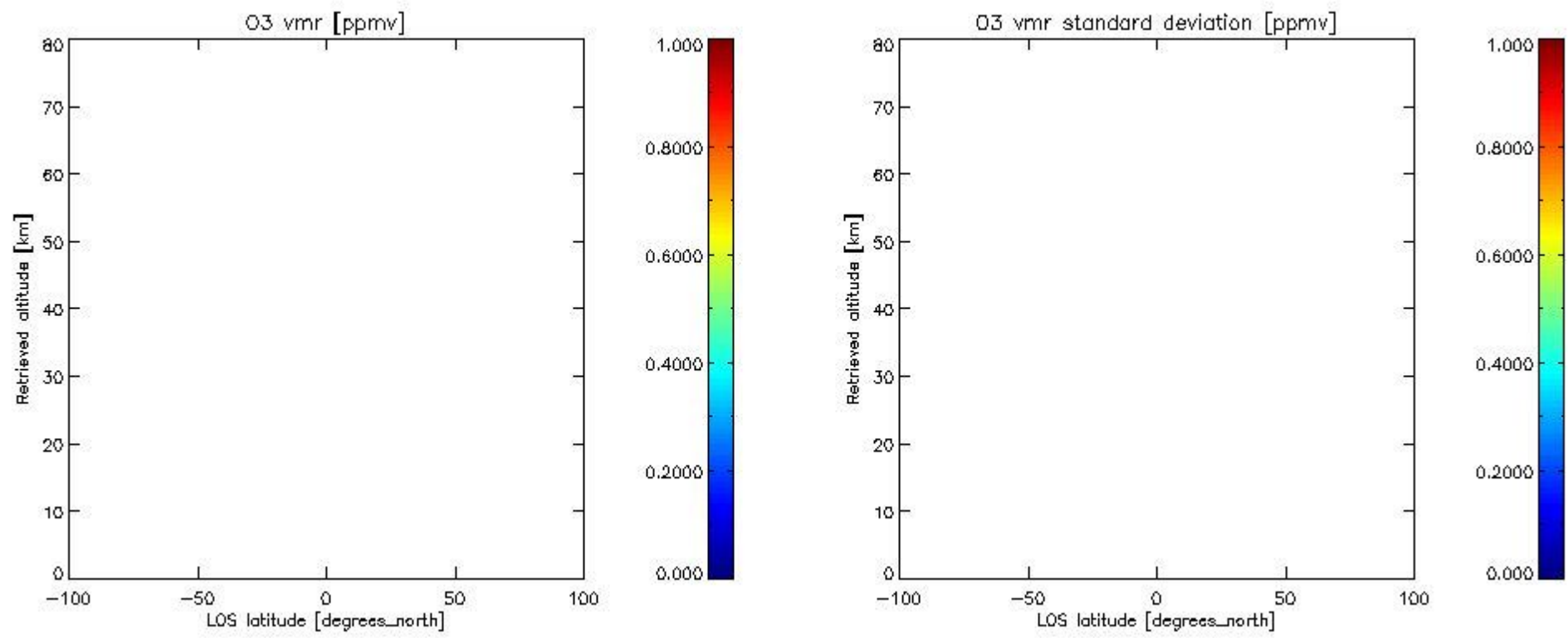


2.2.4 Species overview

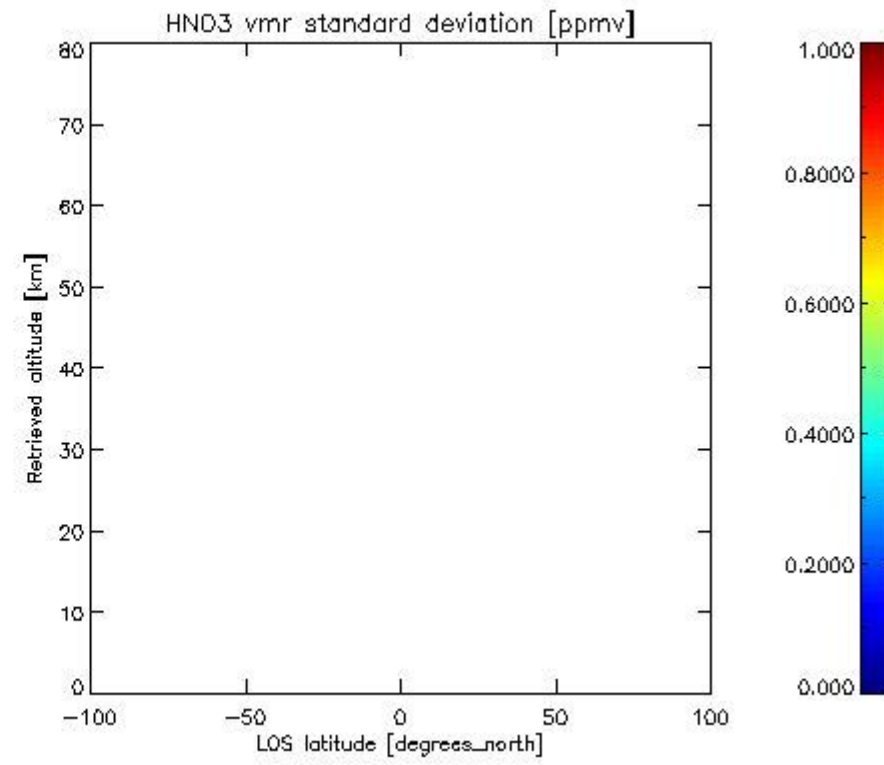
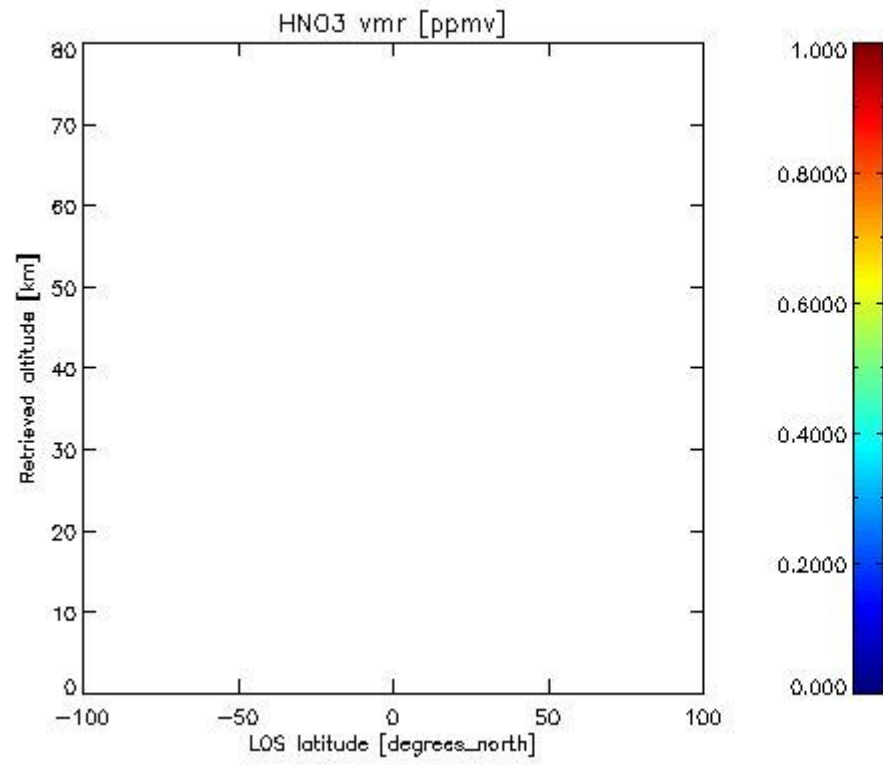
2.2.4.1 H₂O overview This section shows values (left) and error (right) for H₂O after binning individual sweep values over retrieved altitude and tangent latitude.



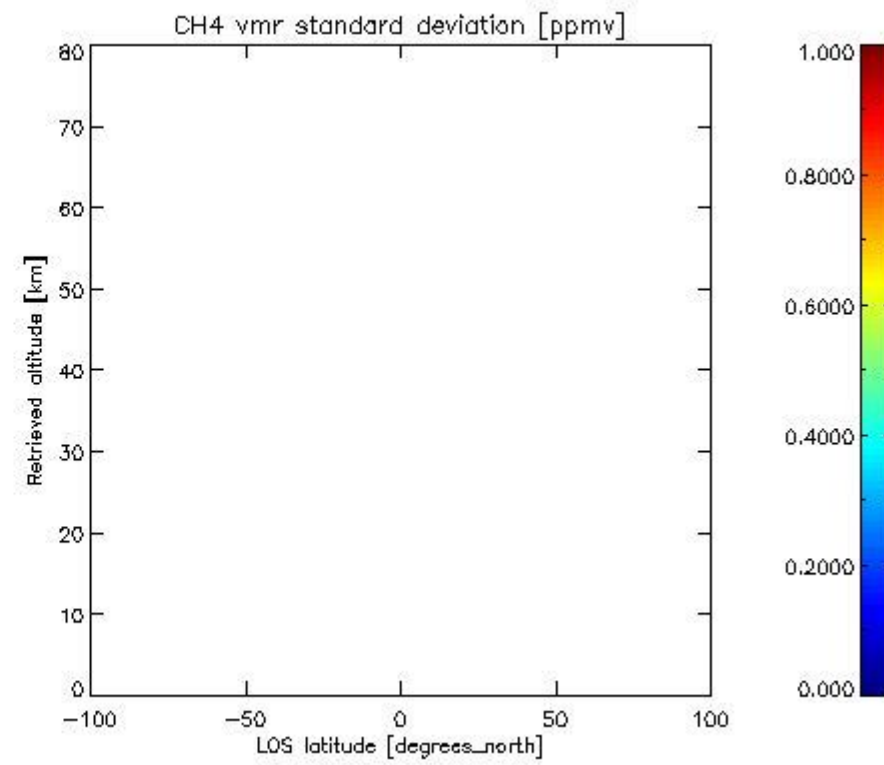
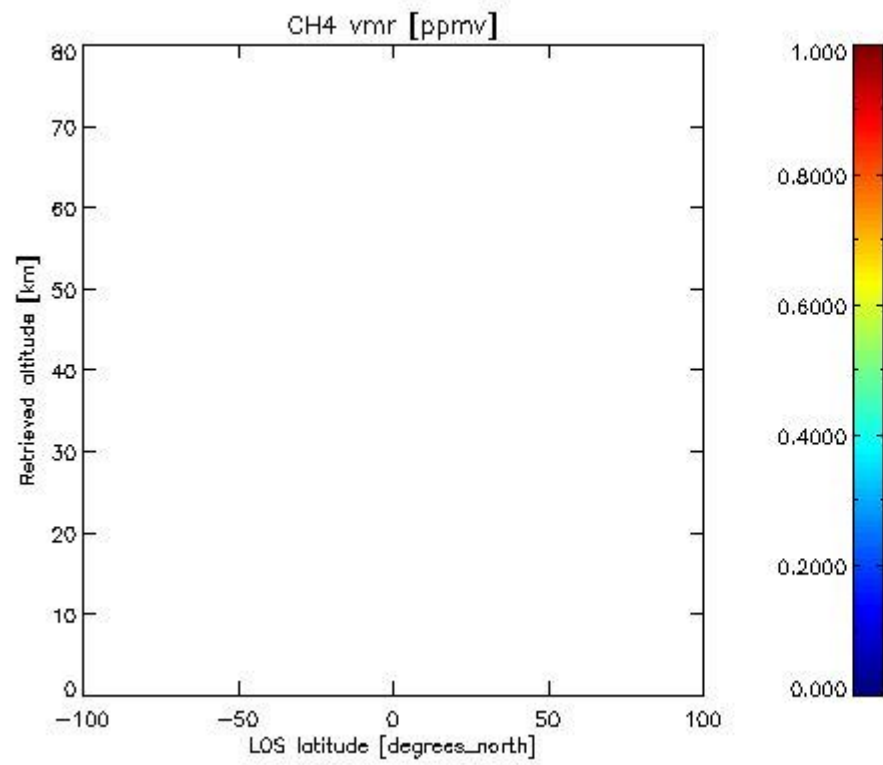
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



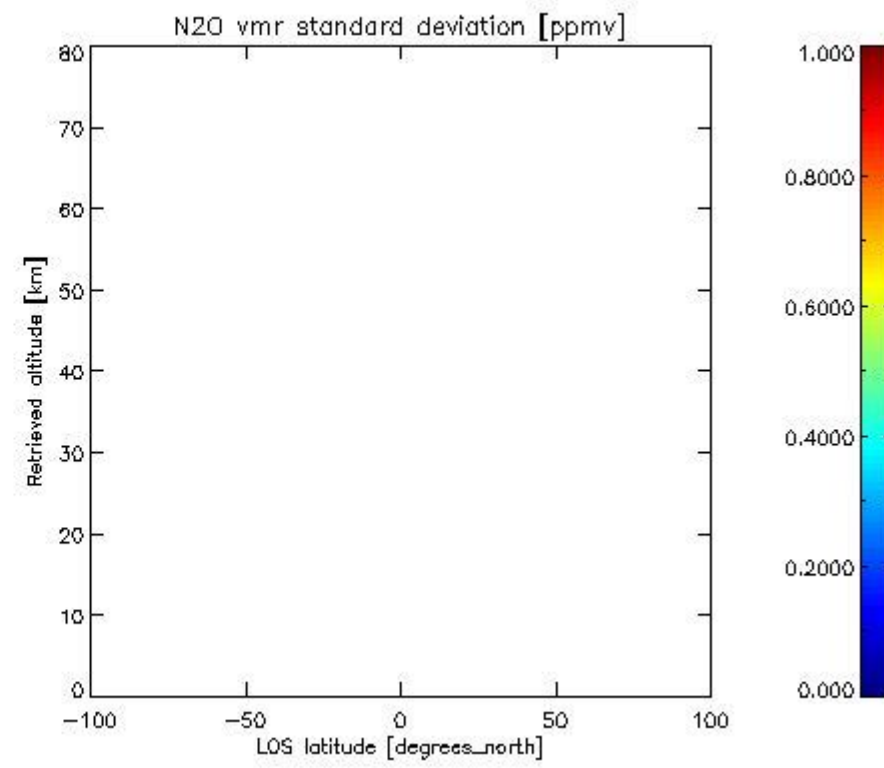
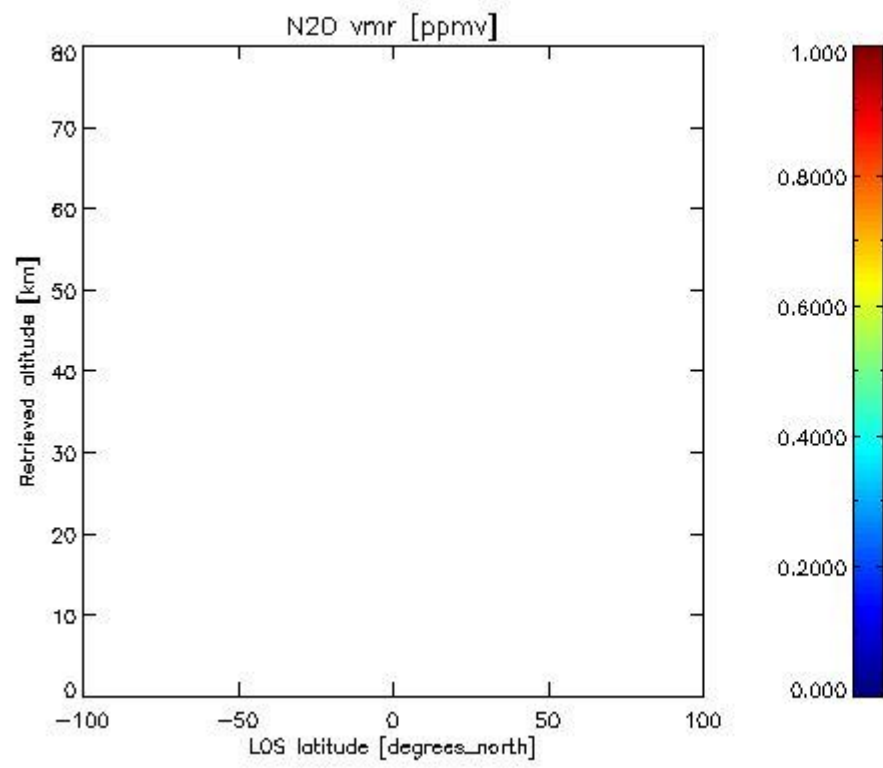
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



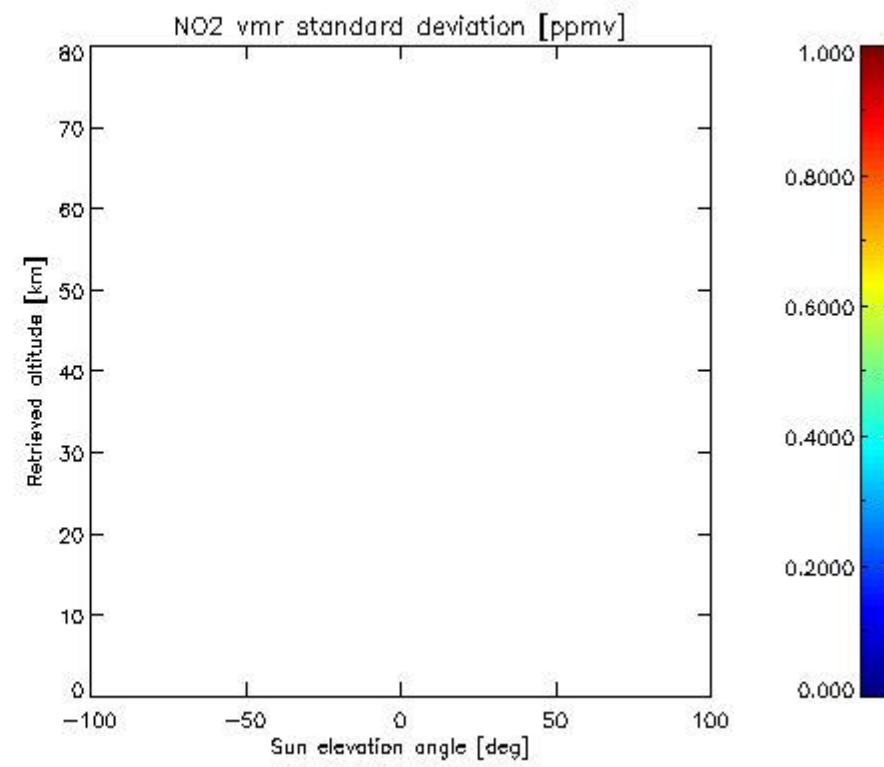
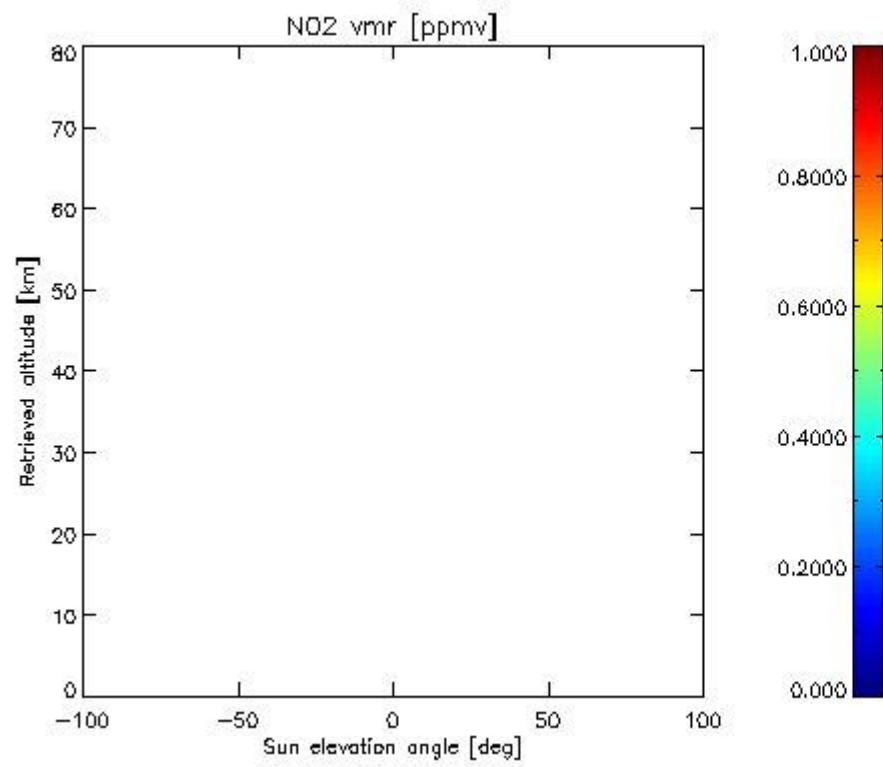
2.2.4.4 CH4 overview This section shows values (left) and error (right) for CH4 after binning individual sweep values over retrieved altitude and tangent latitude.



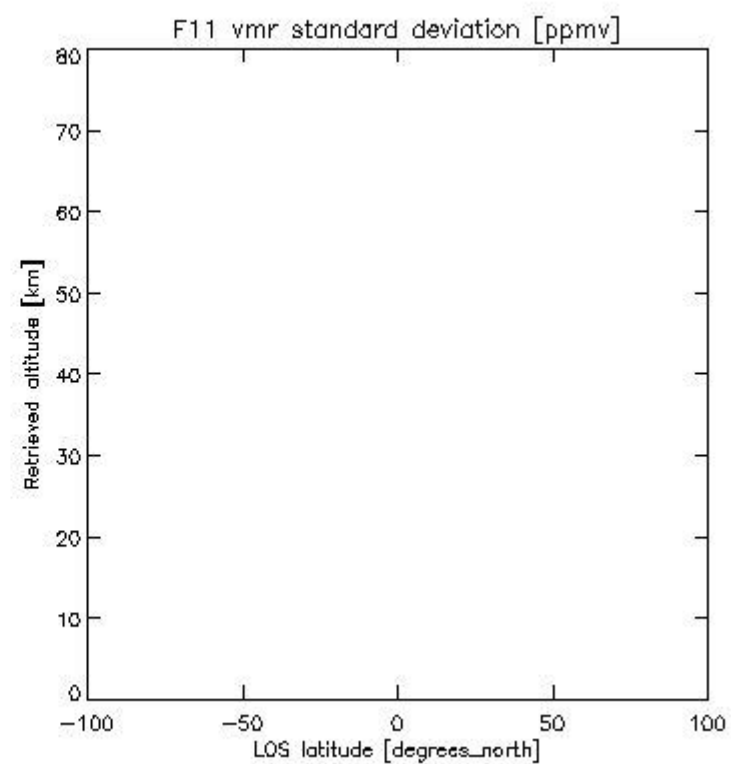
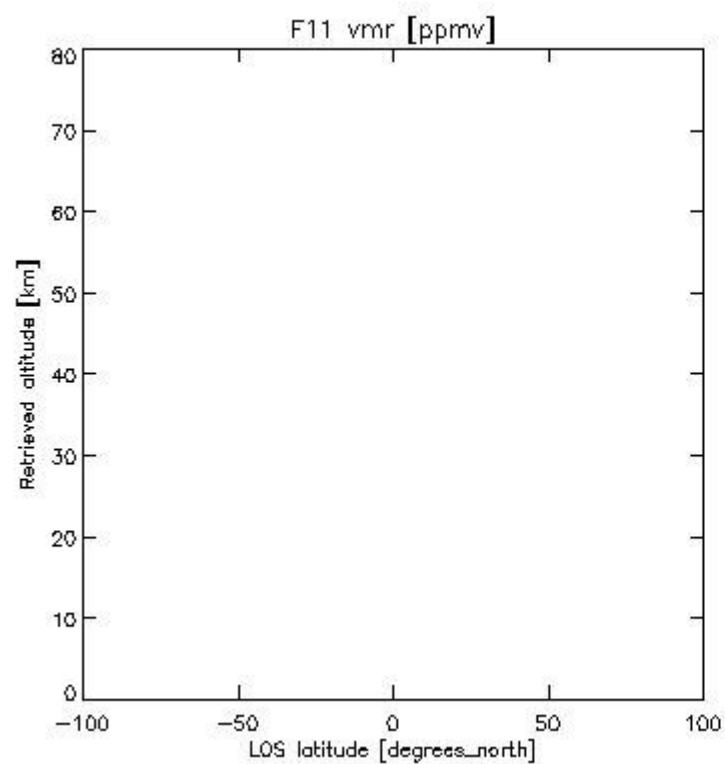
2.2.4.5 N2O overview This section shows values (left) and error (right) for N2O after binning individual sweep values over retrieved altitude and tangent latitude.



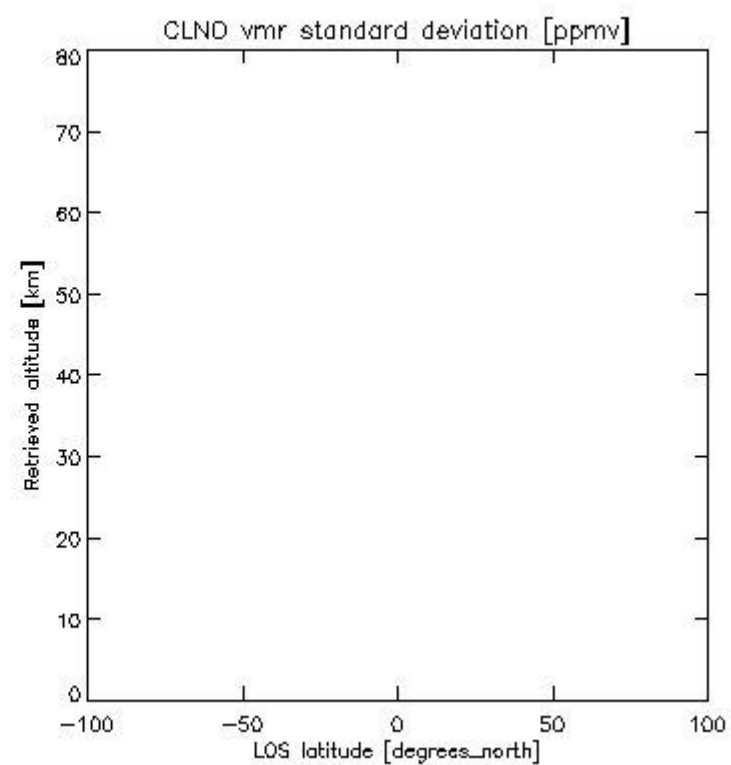
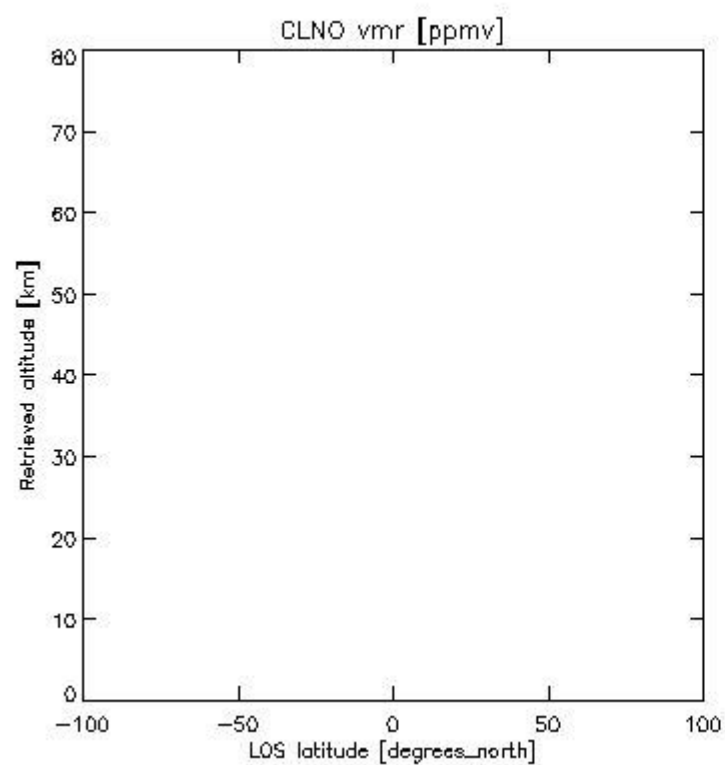
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

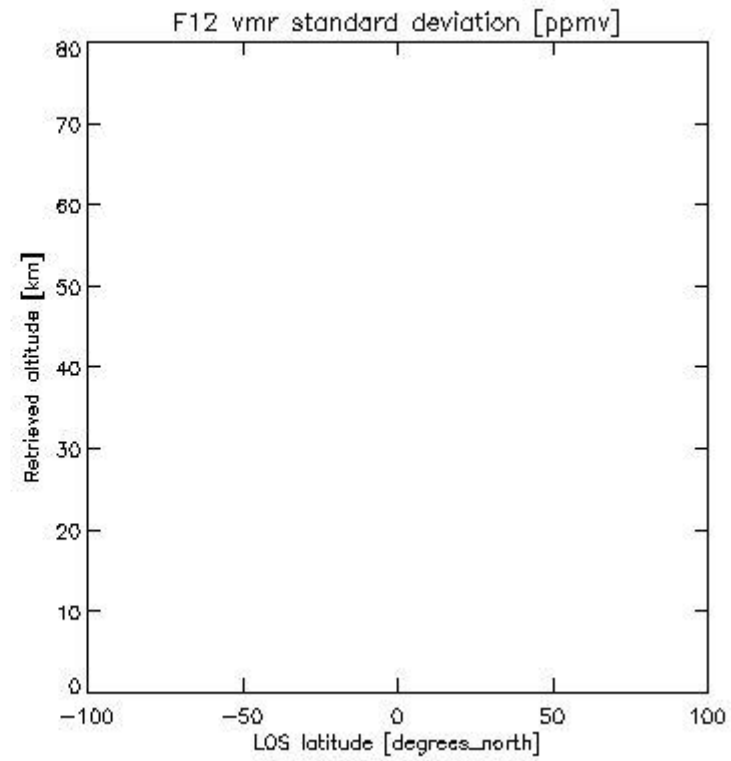
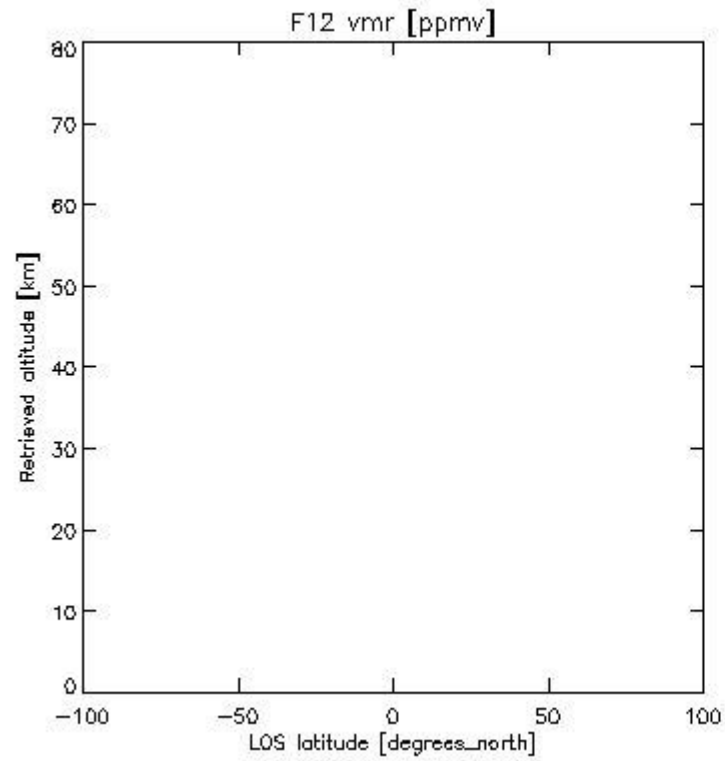
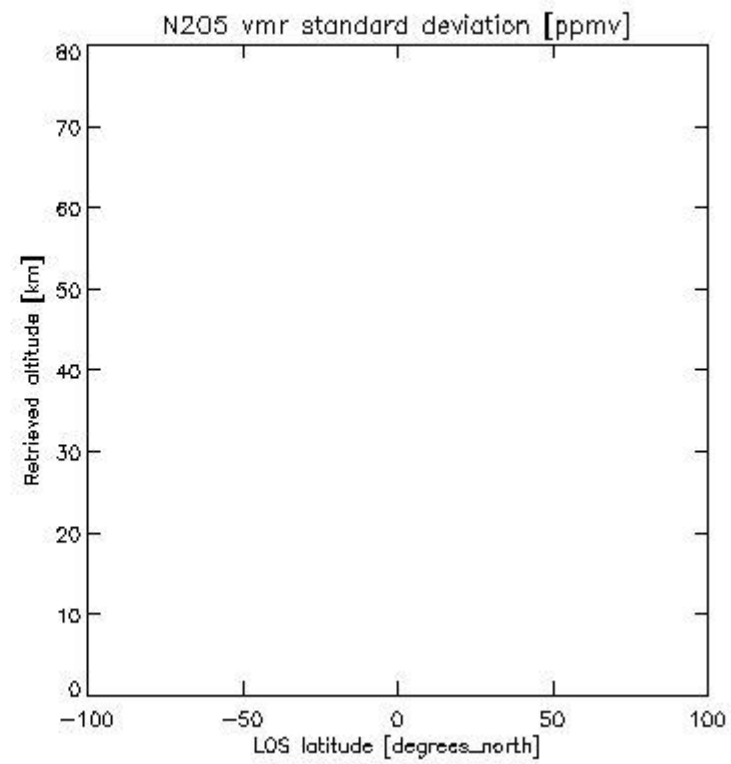
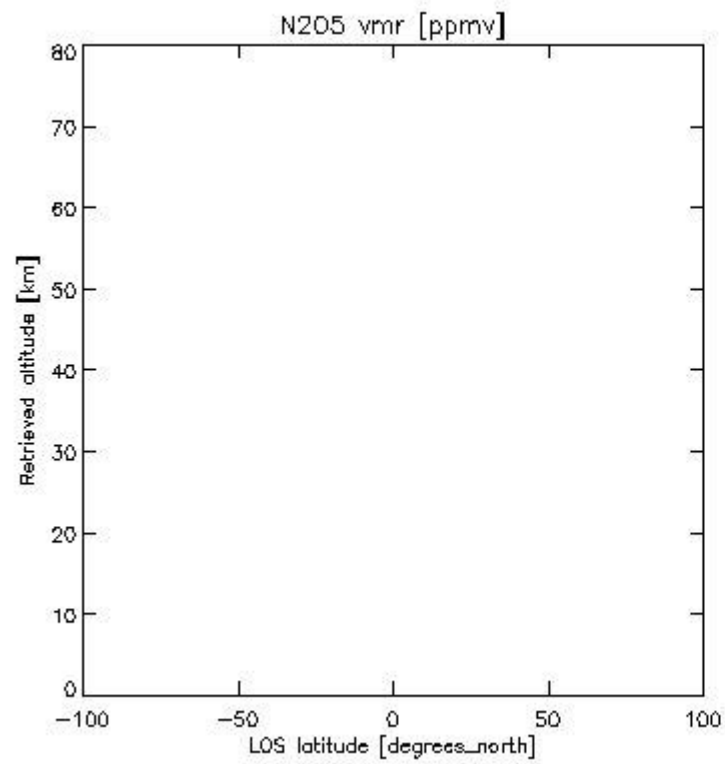


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

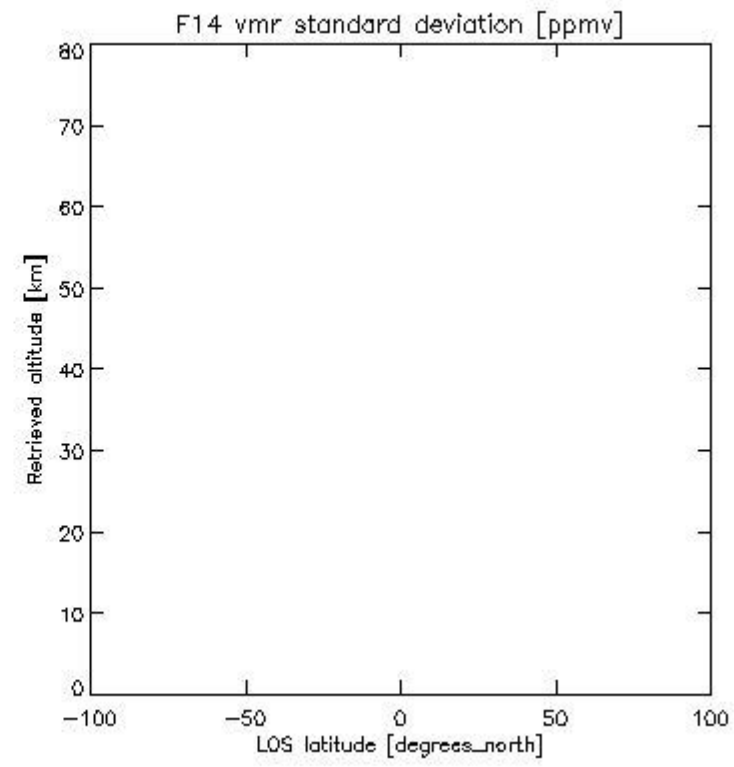
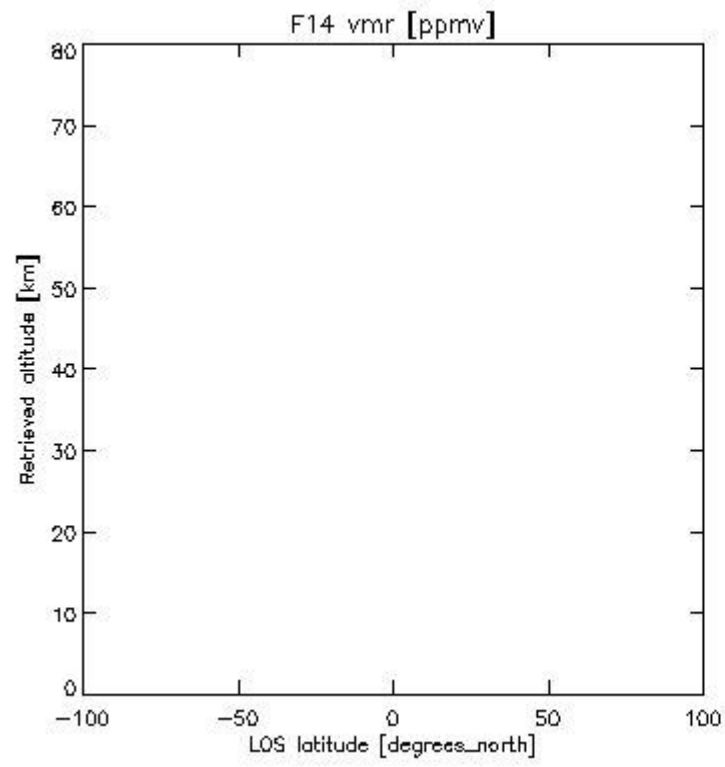
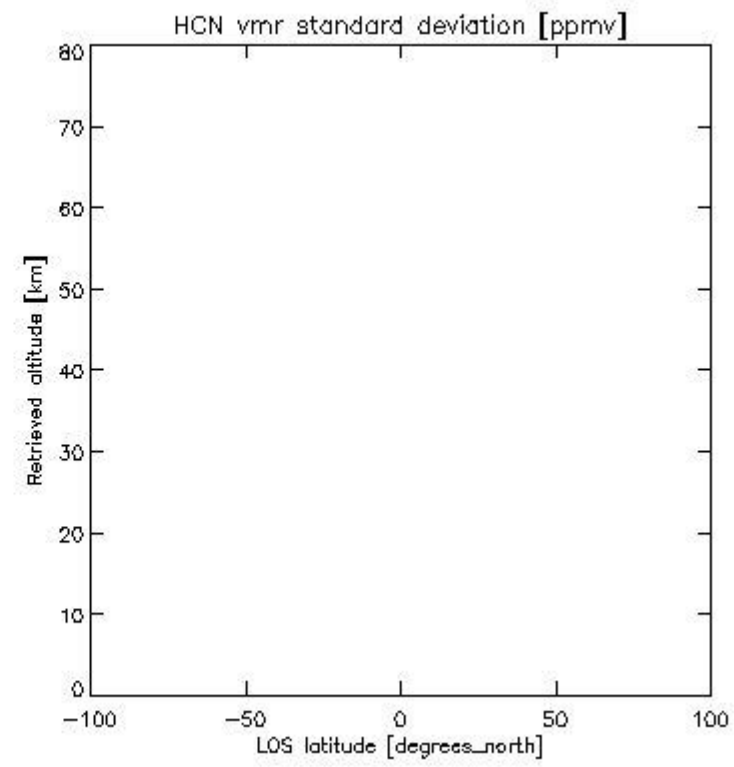
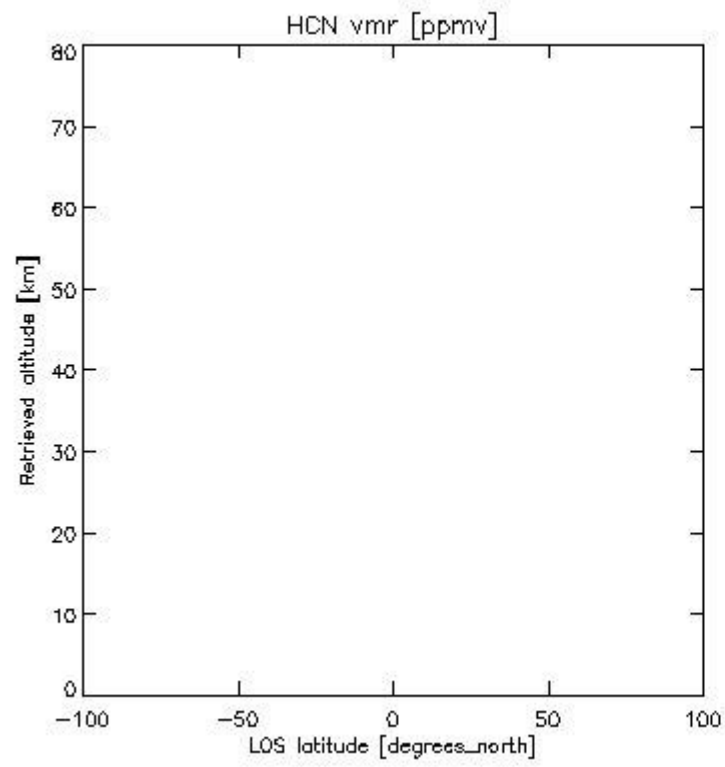


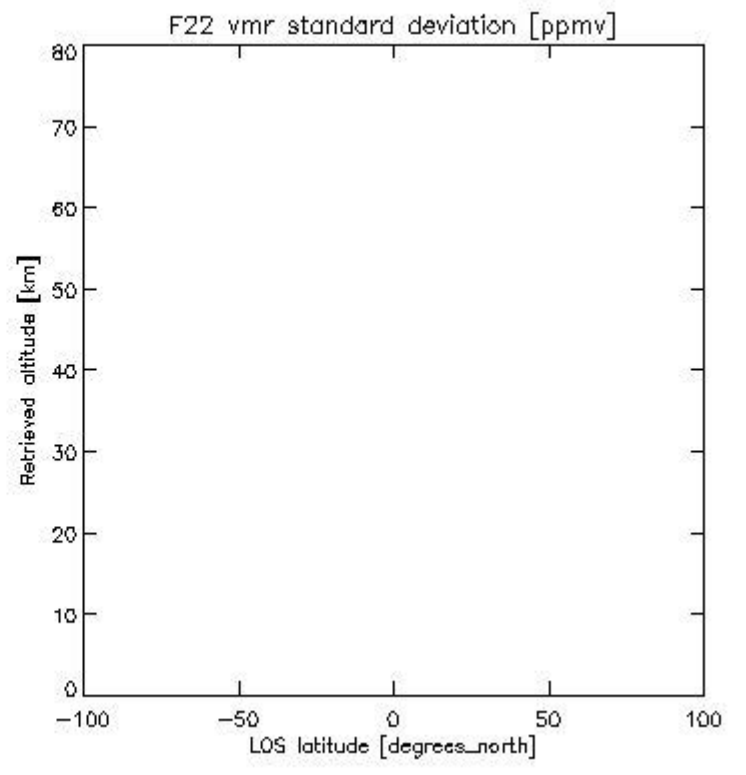
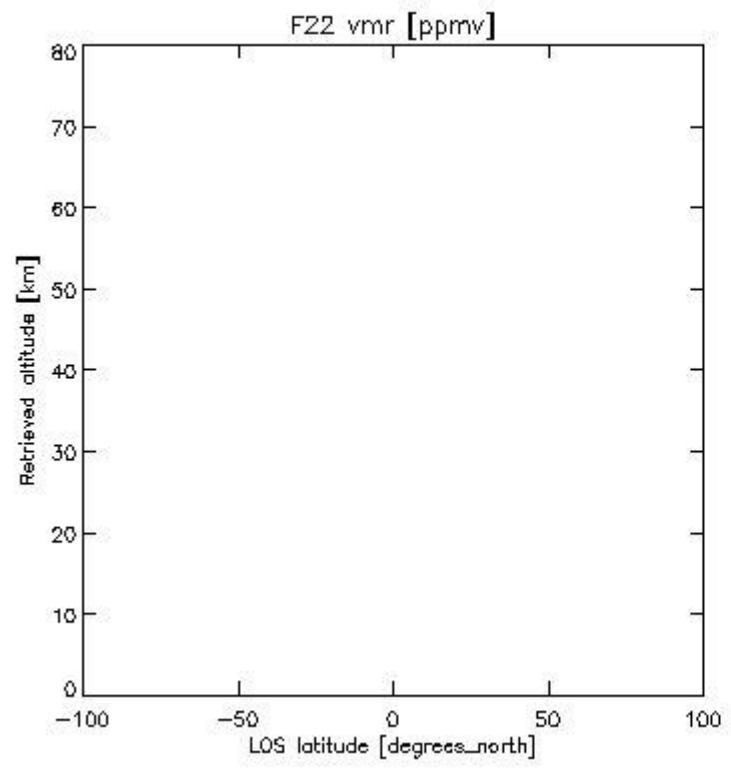
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.











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

