

2. MIPAS Daily Report for level 2 products summary report

(See [mipas_daily_report_level2_ML2PP_7_03_W_20110710.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	18MAY2016 02:36:43
Data source version	ML2PP/7.03-W
Processing scope for products	10JUL2011 00:00:00 to 11JUL2011 00:00:00
Start time of first product within scope	09JUL2011 22:52:57
Stop time of last product within scope	11JUL2011 01:37:04
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.

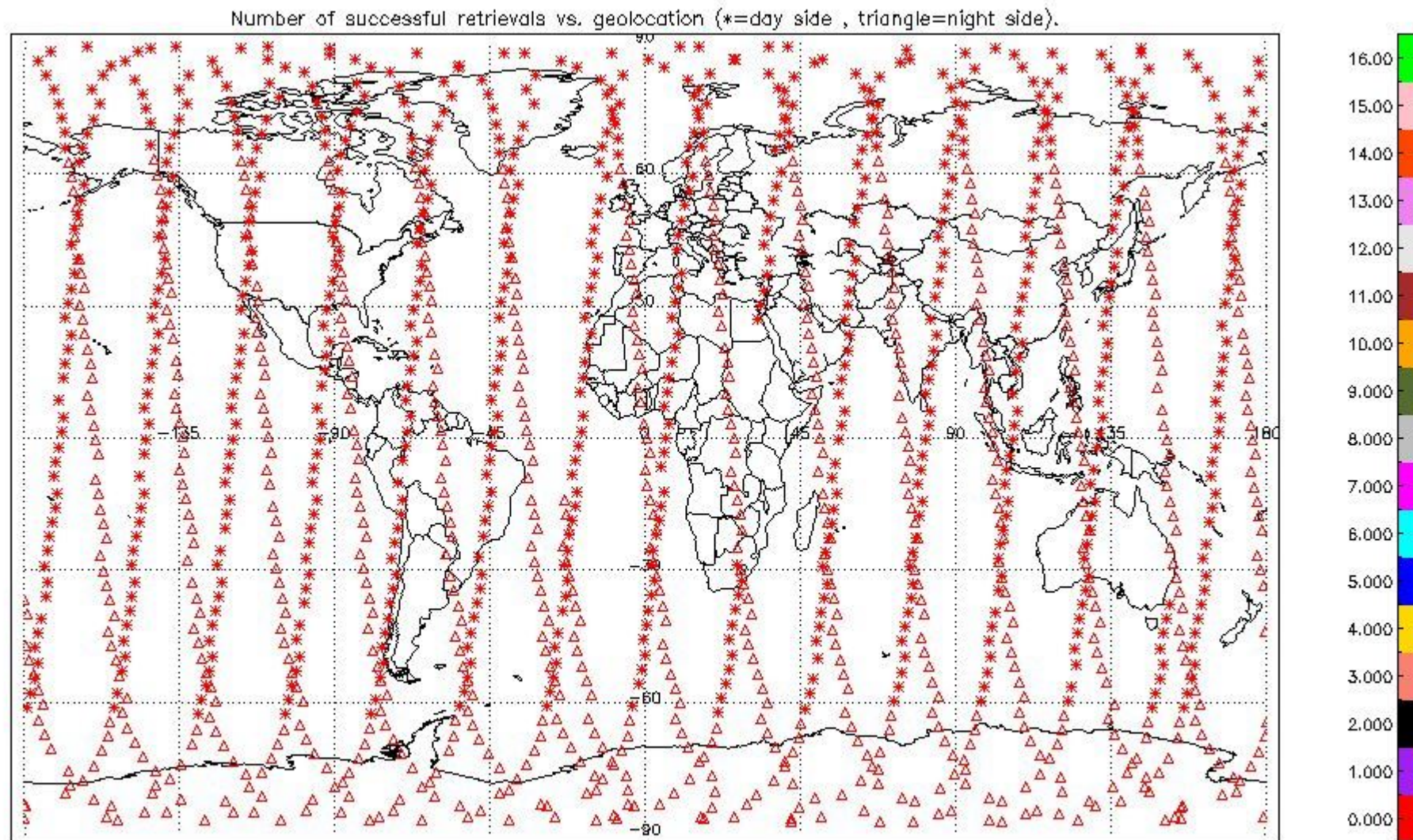
#	Product name	Start time	Stop time	Prod err	Number of scans (tot/proc)	Quality summary warnings
0	MIP_NL__2PWDSI20110709_225257_000060653104_00217_48938_1000.N1	09JUL2011 22:52:57	10JUL2011 00:34:02	0	104/104	
1	MIP_NL__2PWDSI20110710_003311_000060373104_00218_48939_1000.N1	10JUL2011 00:33:11	10JUL2011 02:13:49	0	103/103	
2	MIP_NL__2PWDSI20110710_021355_000060083104_00219_48940_1000.N1	10JUL2011 02:13:55	10JUL2011 03:54:03	0	103/103	
3	MIP_NL__2PWDSI20110710_035410_000060083104_00220_48941_1000.N1	10JUL2011 03:54:10	10JUL2011 05:34:18	0	103/103	
4	MIP_NL__2PWDSI20110710_053424_000059813104_00221_48942_1000.N1	10JUL2011 05:34:24	10JUL2011 07:14:05	0	102/102	
5	MIP_NL__2PWDSI20110710_071411_000060253104_00222_48943_1000.N1	10JUL2011 07:14:11	10JUL2011 08:54:36	0	89/89	
6	MIP_NL__2PWDSI20110710_085442_000060083104_00223_48944_1000.N1	10JUL2011 08:54:42	10JUL2011 10:34:50	0	103/103	
7	MIP_NL__2PWDSI20110710_103526_000060083104_00224_48945_1000.N1	10JUL2011 10:35:26	10JUL2011 12:15:34	0	103/103	
8	MIP_NL__2PWDSI20110710_121540_000060083104_00225_48946_1000.N1	10JUL2011 12:15:40	10JUL2011 13:55:49	0	103/103	
9	MIP_NL__2PWDSI20110710_135555_000059523104_00226_48947_1000.N1	10JUL2011 13:55:55	10JUL2011 15:35:07	0	102/102	
10	MIP_NL__2PWDSI20110710_153542_000060083104_00227_48948_1000.N1	10JUL2011 15:35:42	10JUL2011 17:15:50	0	103/103	
11	MIP_NL__2PWDSI20110710_171556_000060083104_00228_48949_1000.N1	10JUL2011 17:15:56	10JUL2011 18:56:04	0	103/103	
12	MIP_NL__2PWDSI20110710_185611_000060373104_00229_48950_1000.N1	10JUL2011 18:56:11	10JUL2011 20:36:48	0	103/103	
13	MIP_NL__2PWDSI20110710_203654_000060083104_00230_48951_1000.N1	10JUL2011 20:36:54	10JUL2011 22:17:03	0	103/103	
14	MIP_NL__2PWDSI20110710_221709_000060083104_00231_48952_1000.N1	10JUL2011 22:17:09	10JUL2011 23:57:17	0	103/103	
15	MIP_NL__2PWDSI20110710_235627_000060373104_00232_48953_1000.N1	10JUL2011 23:56:27	11JUL2011 01:37:04	0	103/103	

2.2 Processing performance indicators

2.2.1 Successful retrievals

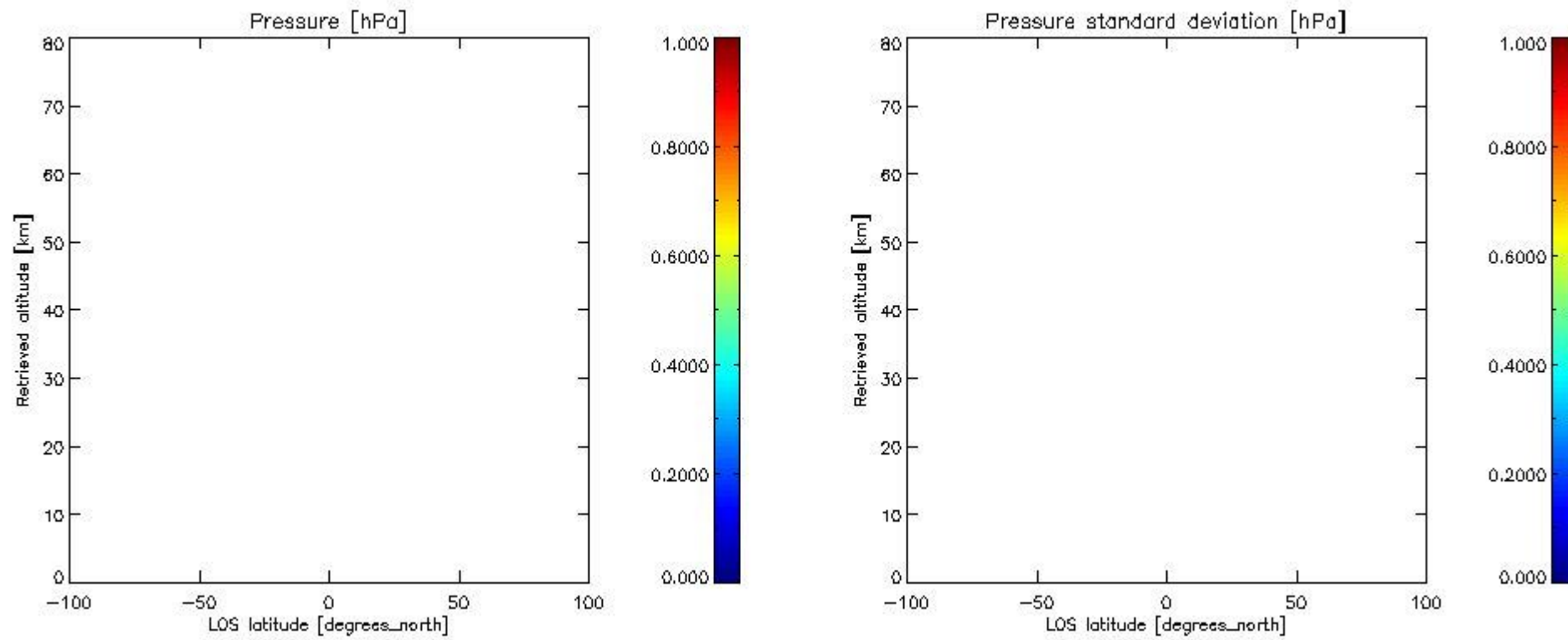
This section includes a table with statistics on the number of retrievals, as well as a worldmap plot that shows successful retrievals.

RETRIEVAL MDS	# scans processed	# Successful retrievals	%
PT	1633	0	0.0000
H2O	1633	0	0.0000
O3	1633	0	0.0000
HNO3	1633	0	0.0000
CH4	1633	0	0.0000
N2O	1633	0	0.0000
NO2	1633	0	0.0000
F11	1633	0	0.0000
CLNO	1633	0	0.0000
N2O5	1633	0	0.0000
F12	1633	0	0.0000
COF2	1633	0	0.0000
CCL4	1633	0	0.0000
HCN	1633	0	0.0000
F14	1633	0	0.0000
F22	1633	0	0.0000



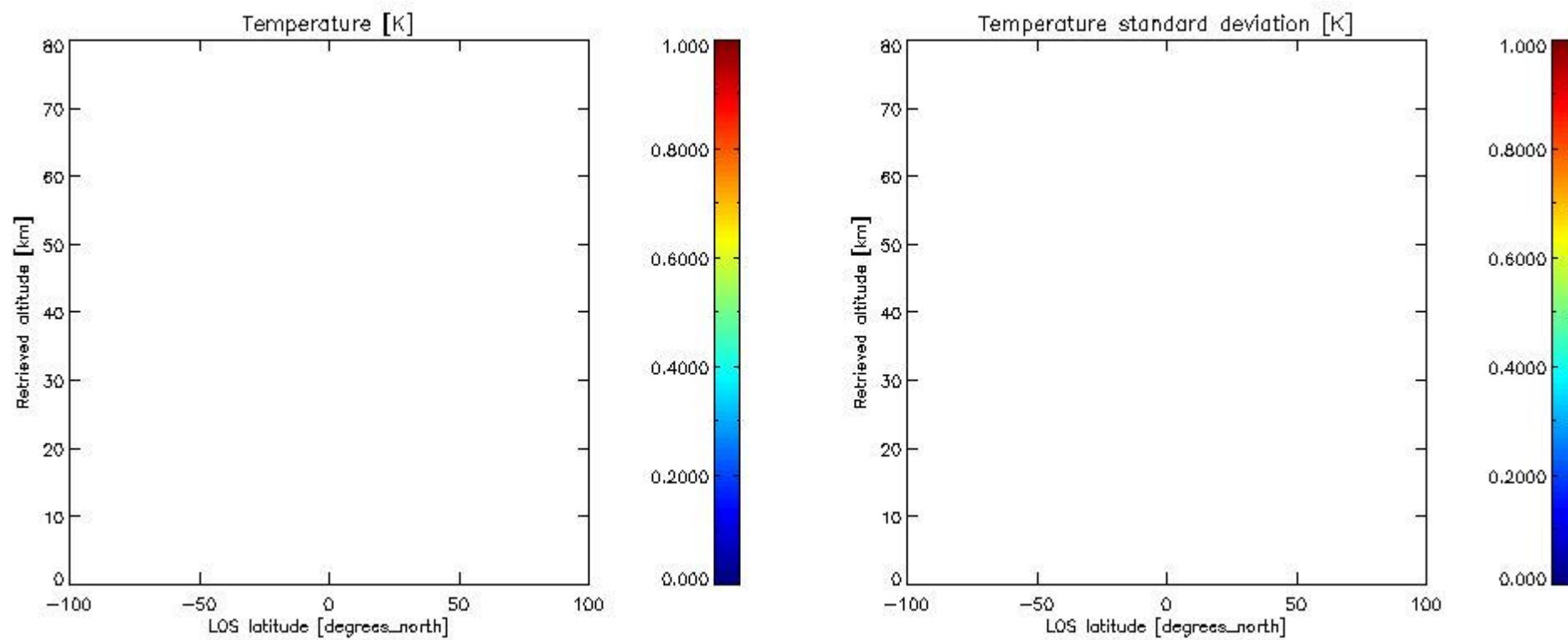
2.2.2 Pressure overview

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



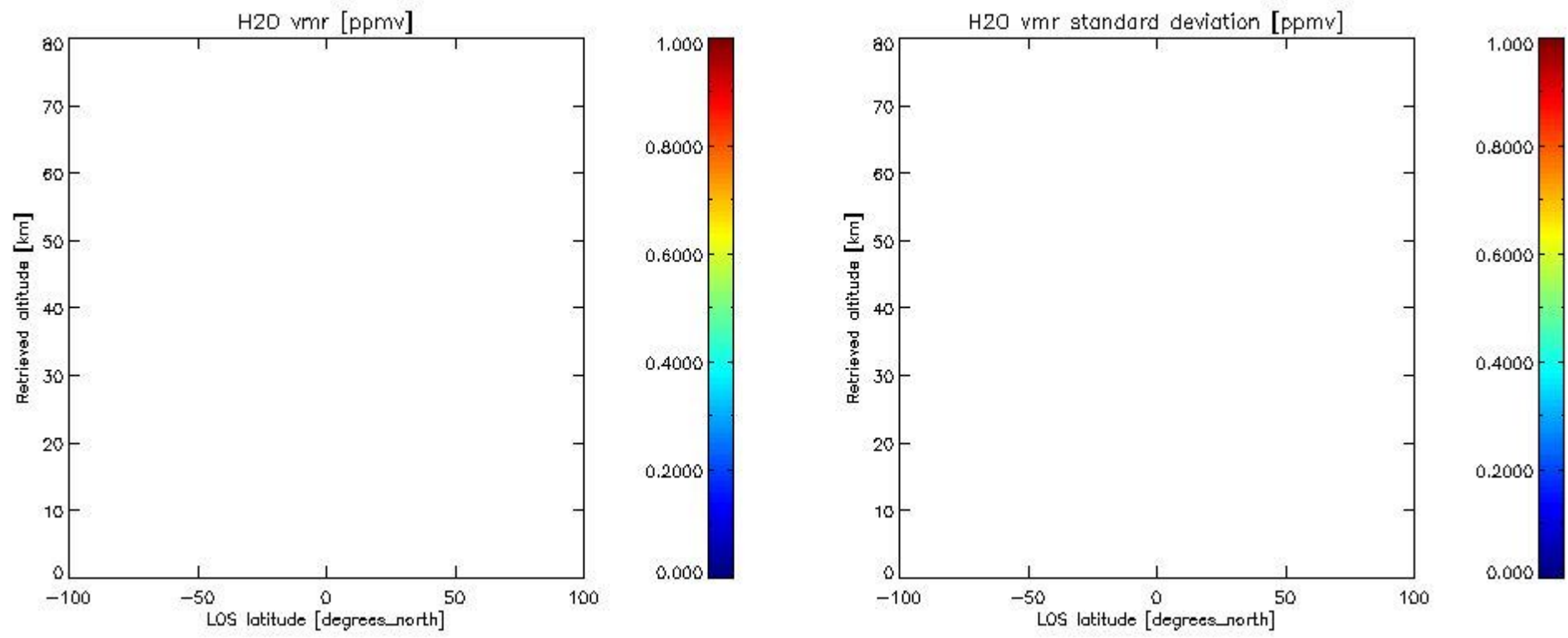
2.2.3 Temperature overview

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

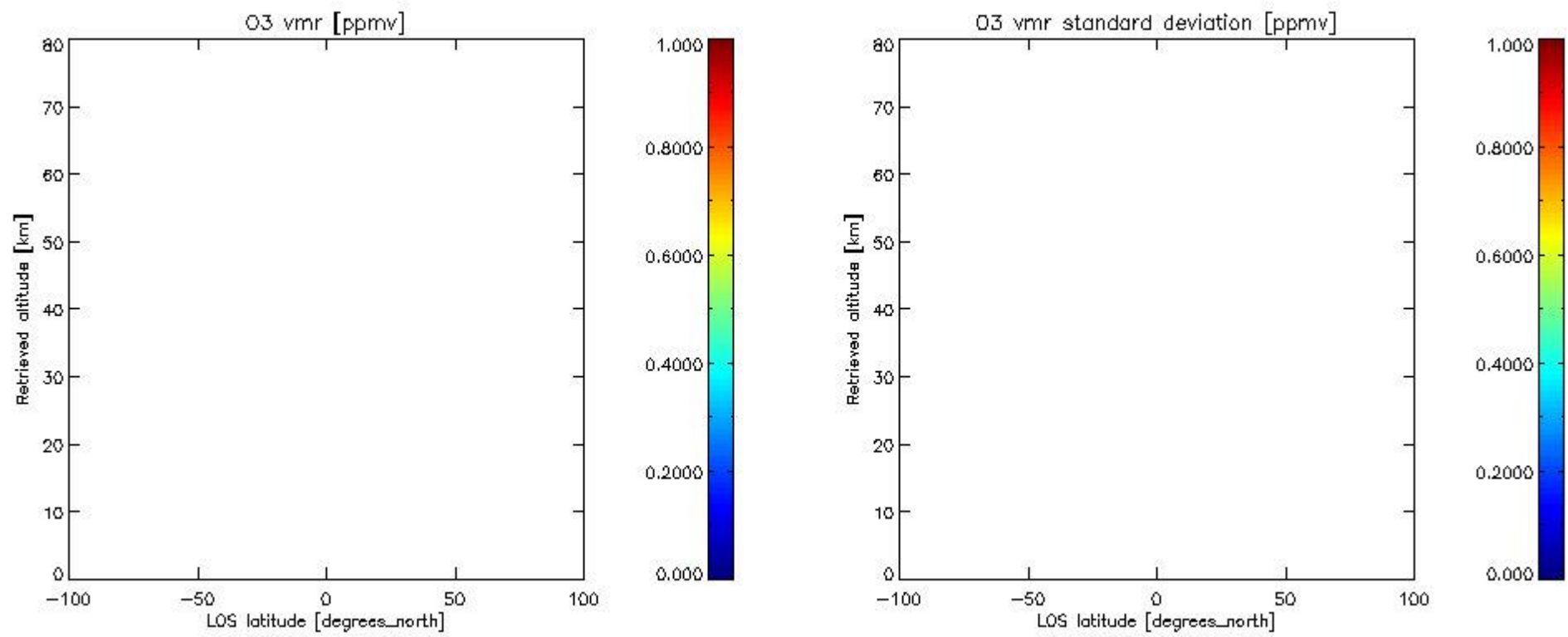


2.2.4 Species overview

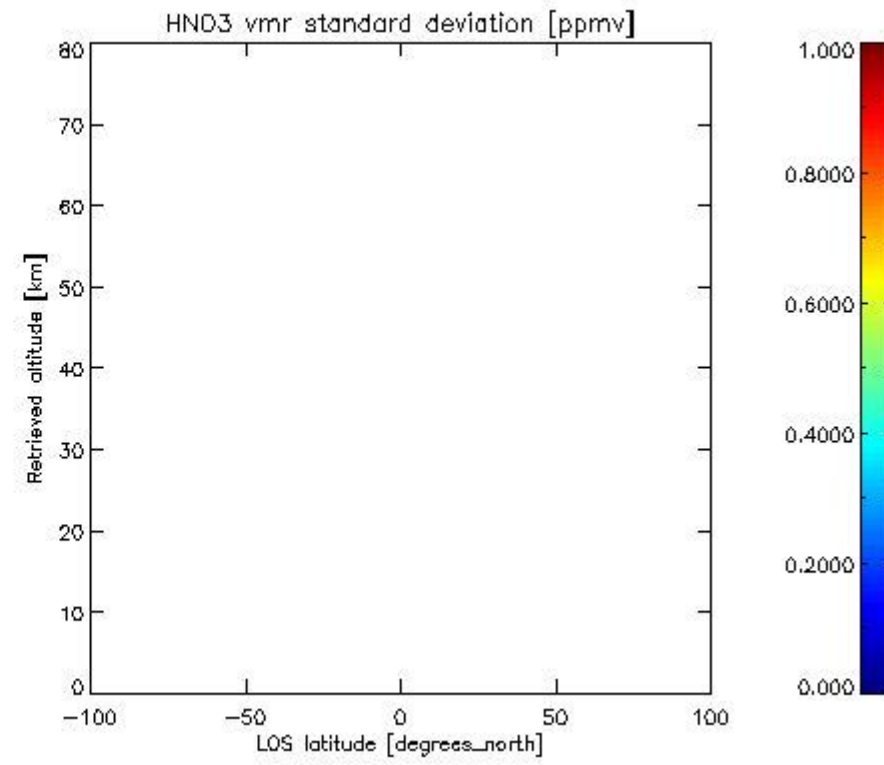
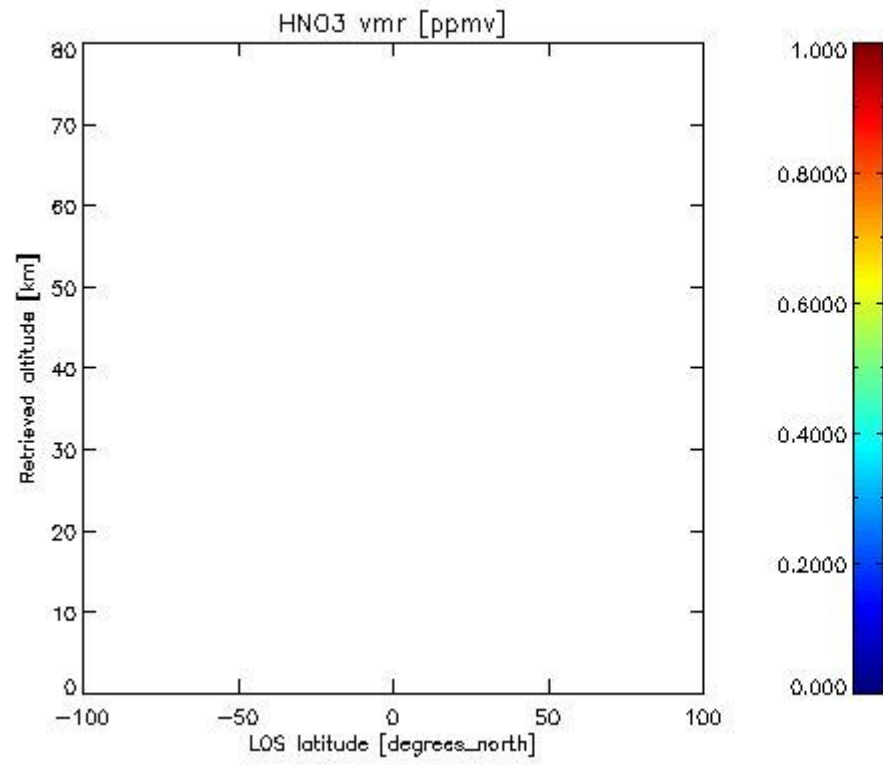
2.2.4.1 H2O overview This section shows values (left) and error (right) for H2O after binning individual sweep values over retrieved altitude and tangent latitude.



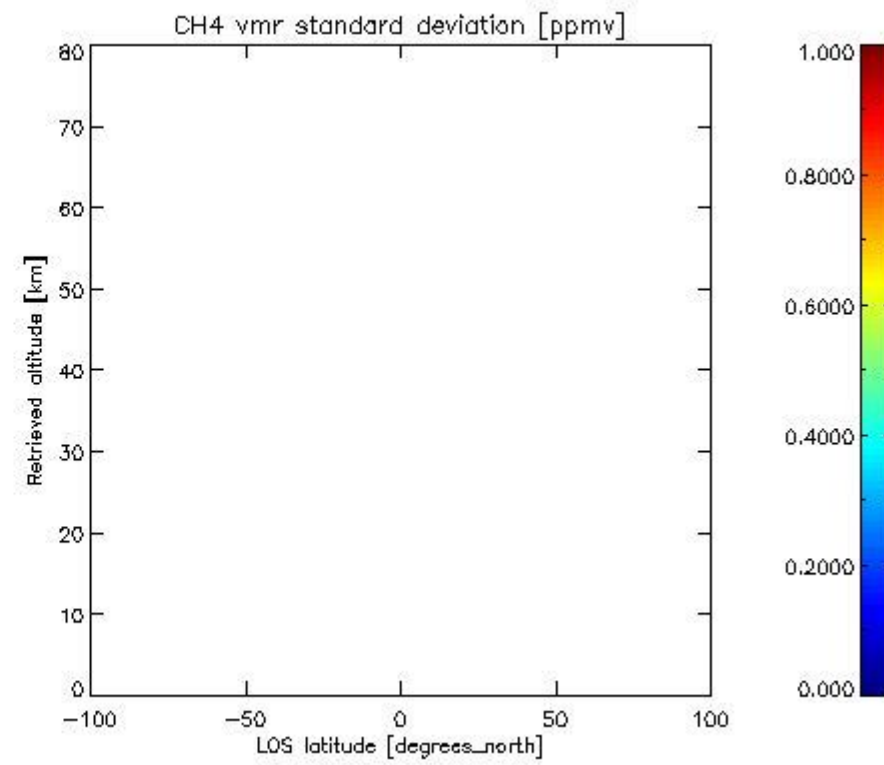
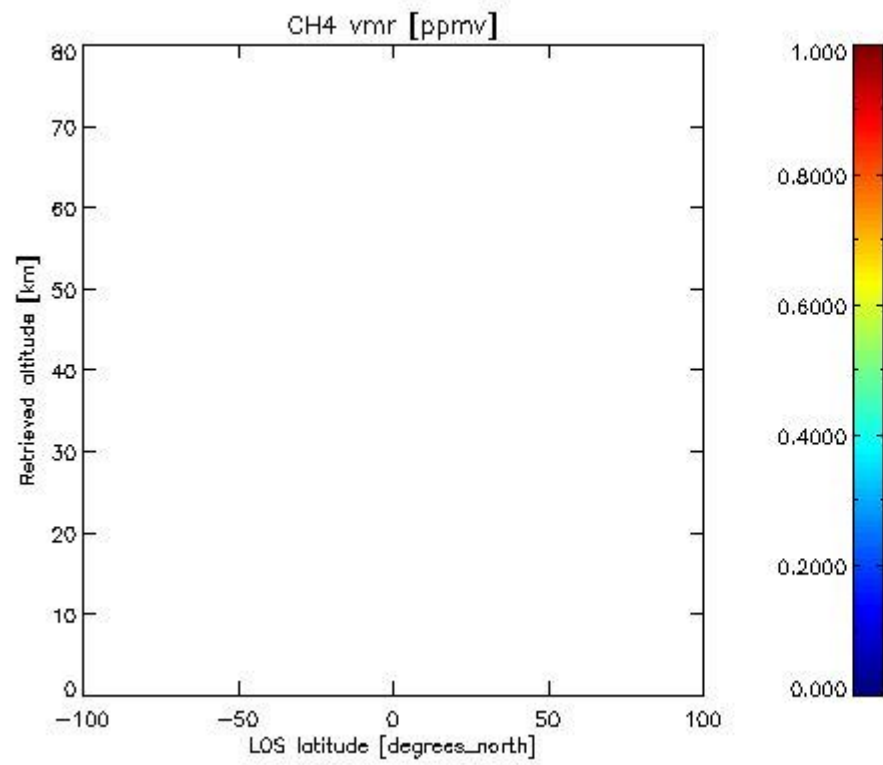
2.2.4.2 O3 overview This section shows values (left) and error (right) for O3 after binning individual sweep values over retrieved altitude and tangent latitude.



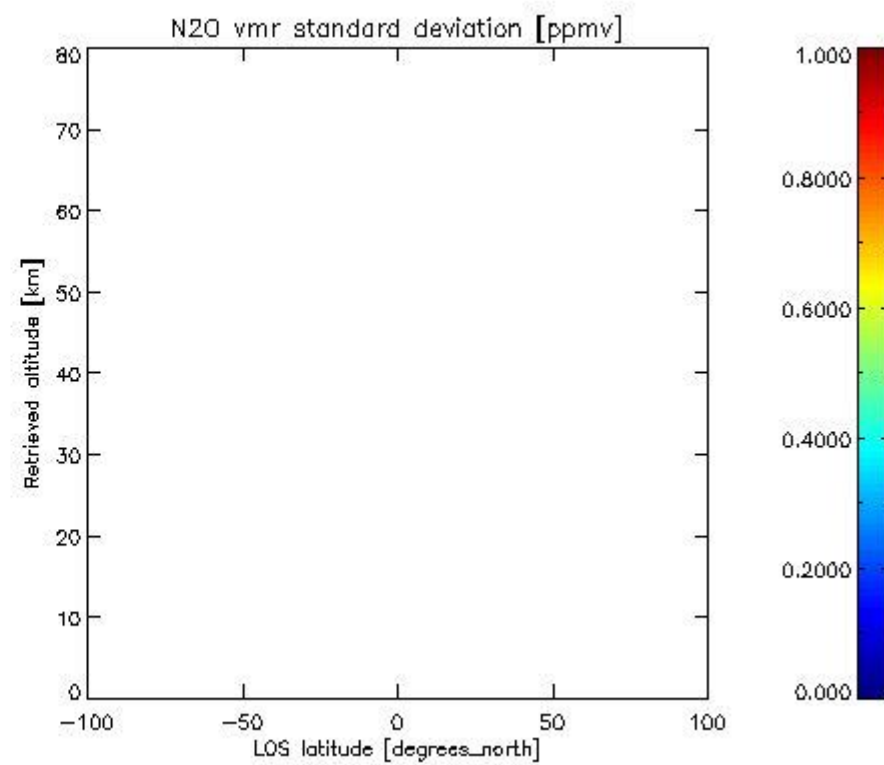
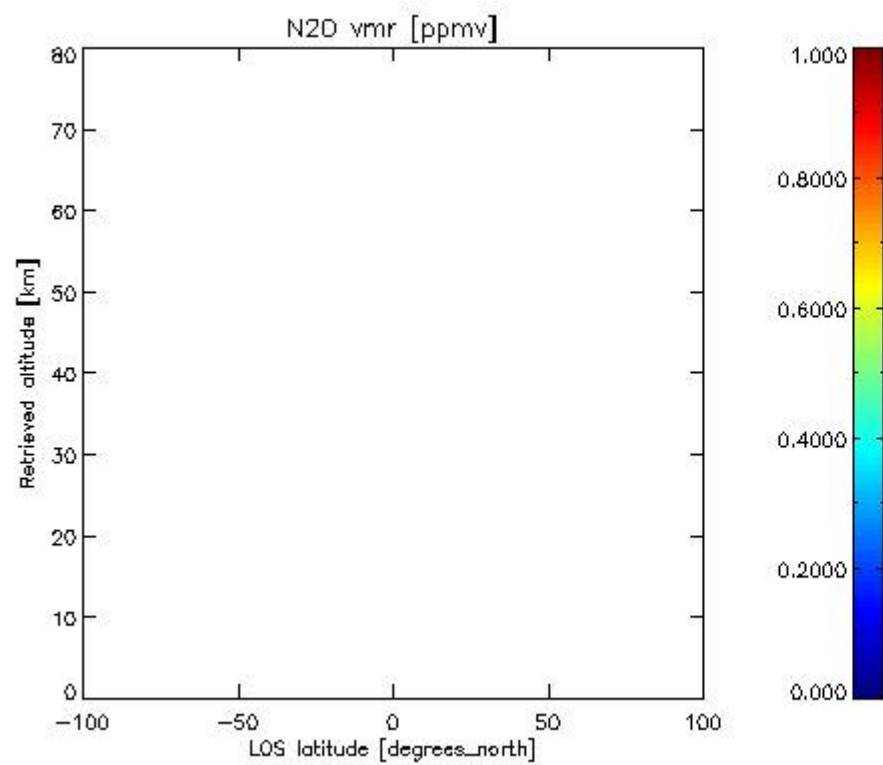
2.2.4.3 HNO3 overview This section shows values (left) and error (right) for HNO3 after binning individual sweep values over retrieved altitude and tangent latitude.



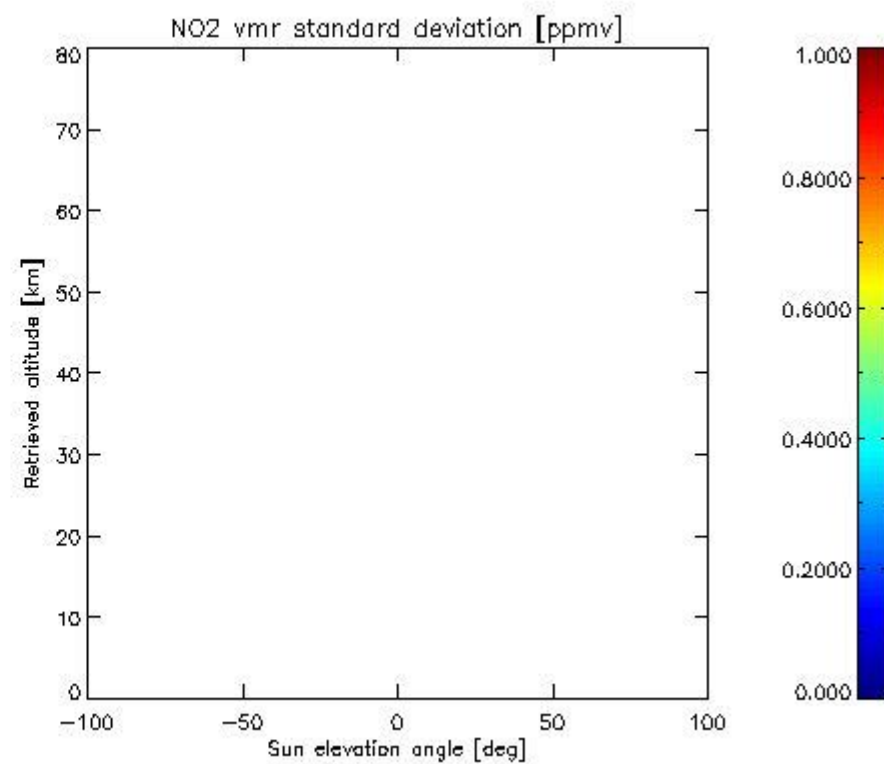
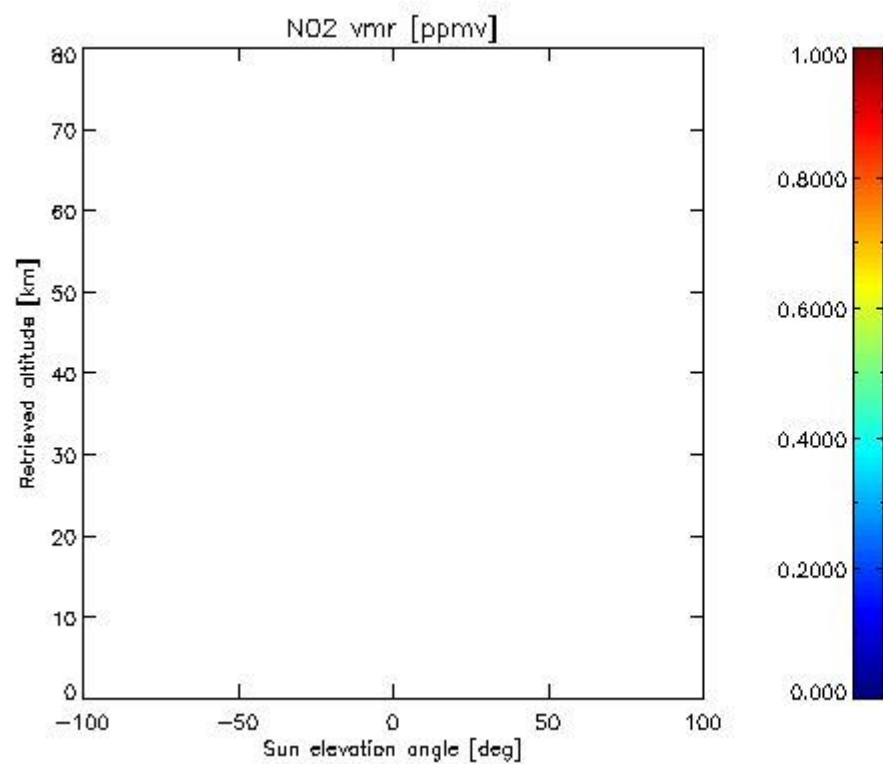
2.2.4.4 CH₄ overview This section shows values (left) and error (right) for CH₄ after binning individual sweep values over retrieved altitude and tangent latitude.



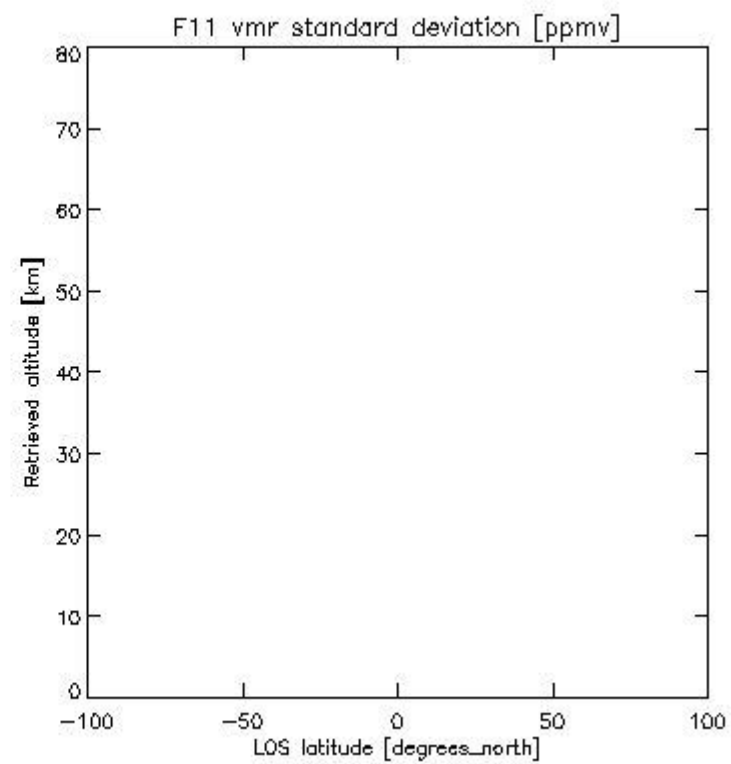
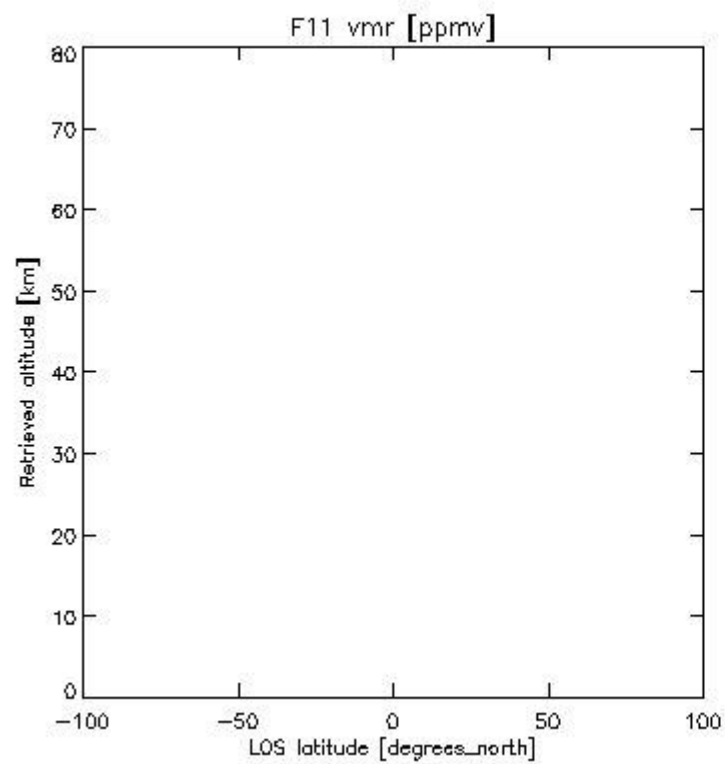
2.2.4.5 N₂O overview This section shows values (left) and error (right) for N₂O after binning individual sweep values over retrieved altitude and tangent latitude.



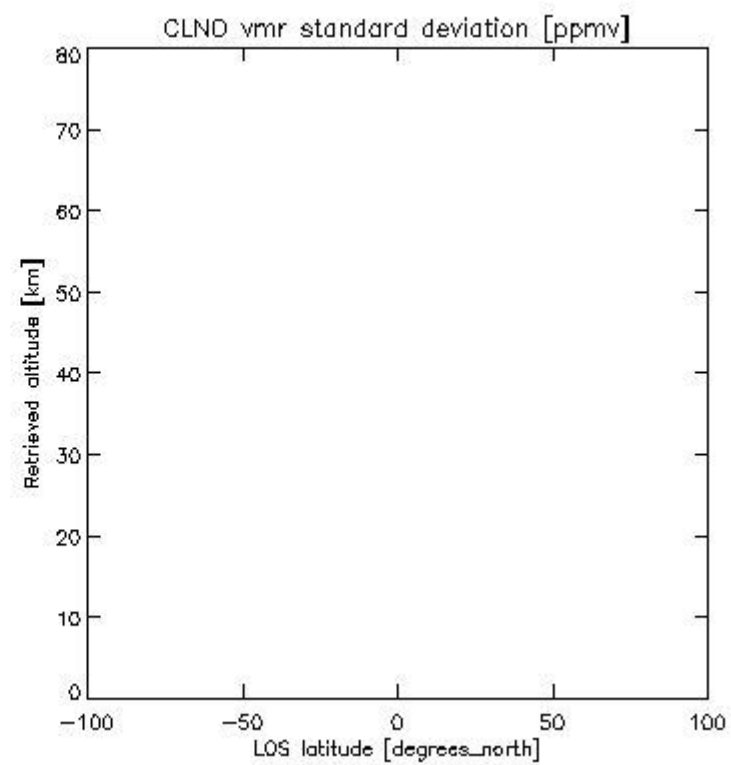
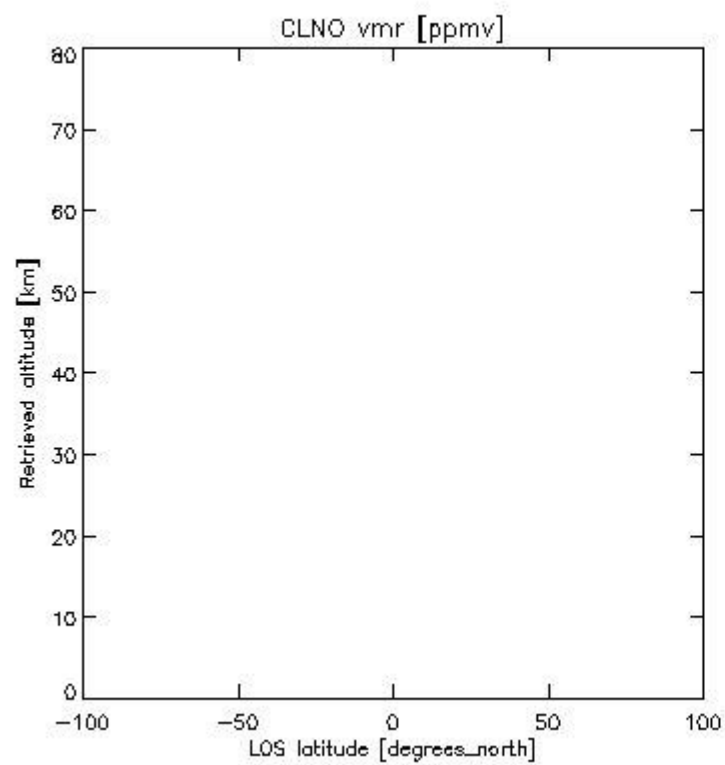
2.2.4.6 NO₂ overview This section shows values (left) and error (right) for NO₂ after binning individual sweep values over retrieved altitude and Sun Elevation Angle. Note that for NO₂ the bin heights are 6 km.

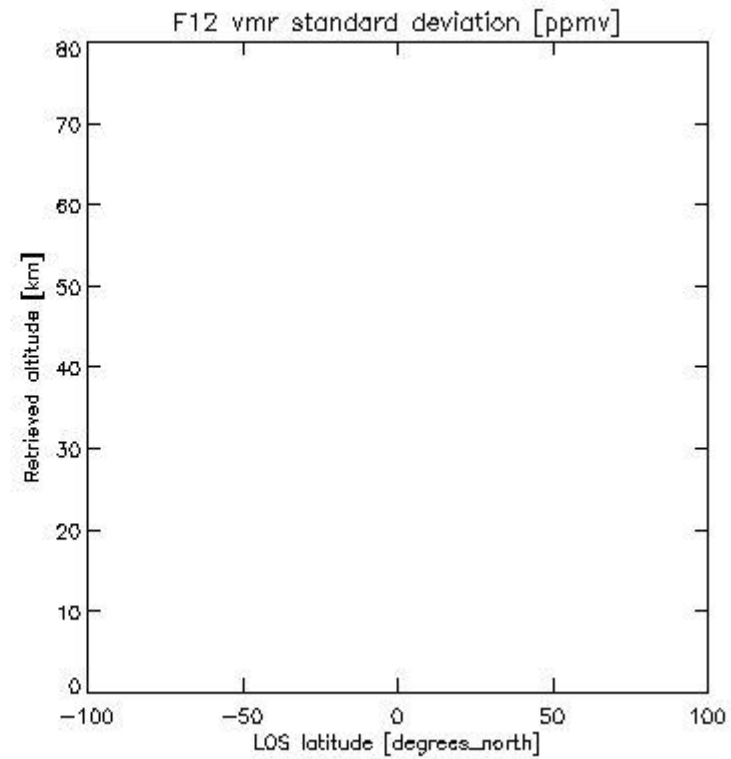
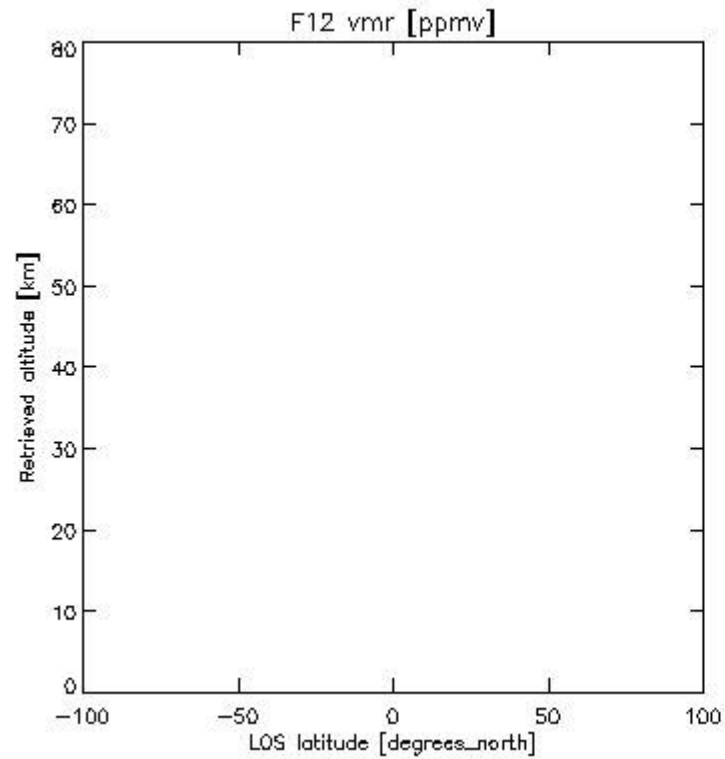
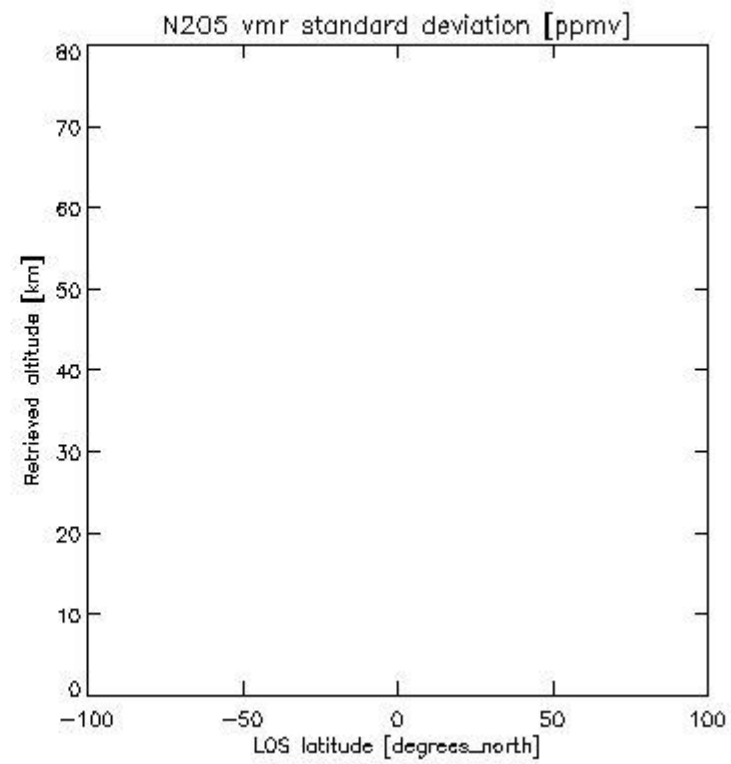
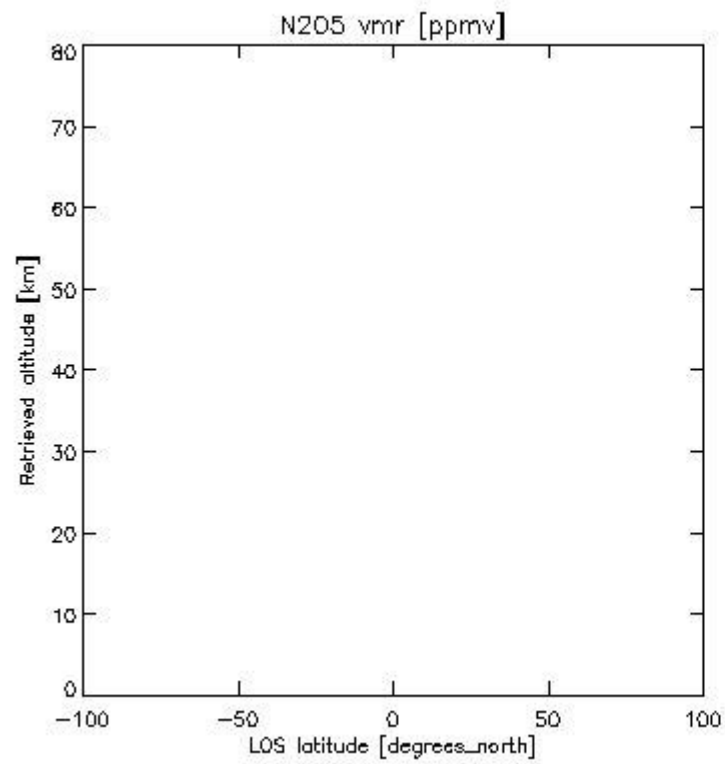


2.2.4.7 F11 overview This section shows values (left) and error (right) for F11 after binning individual sweep values over retrieved altitude and tangent latitude.

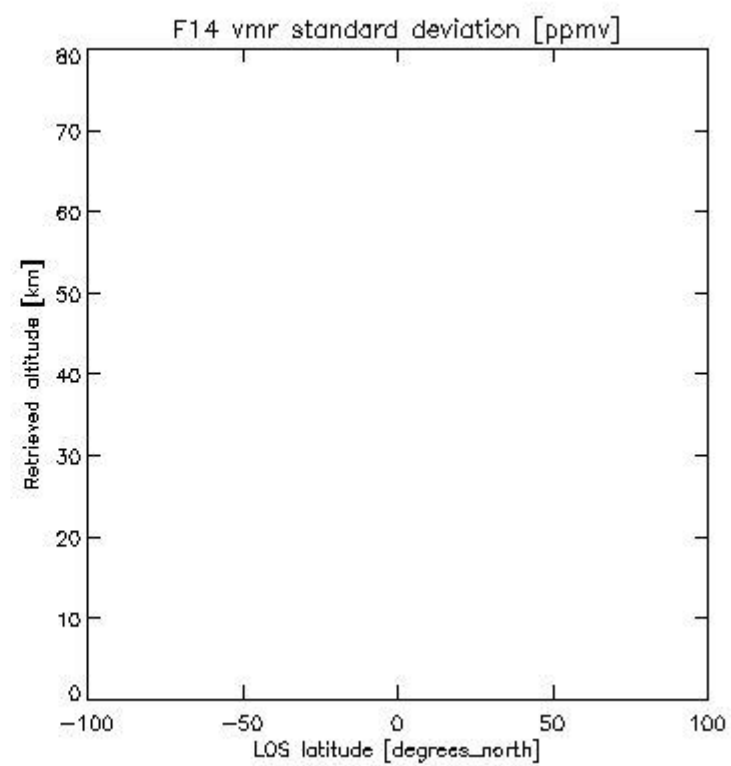
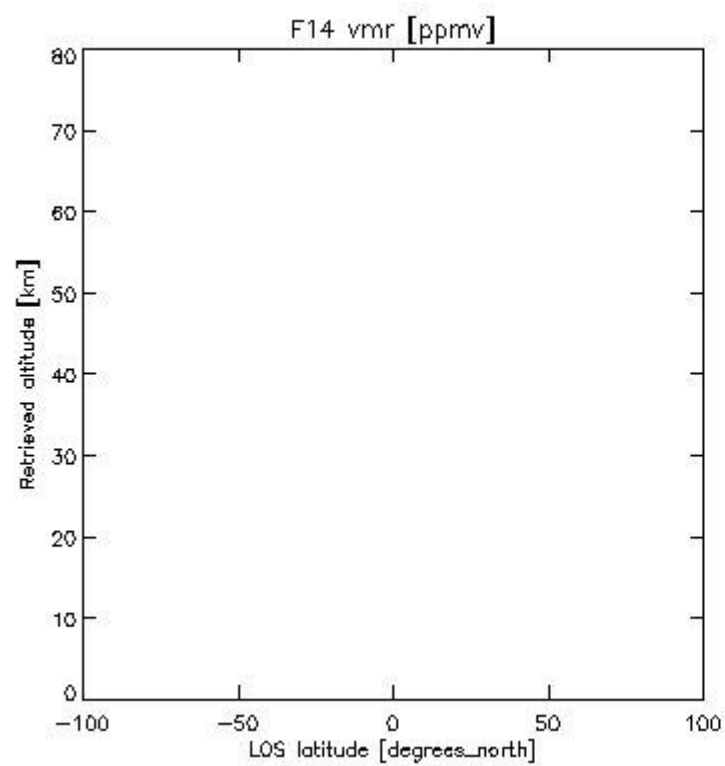
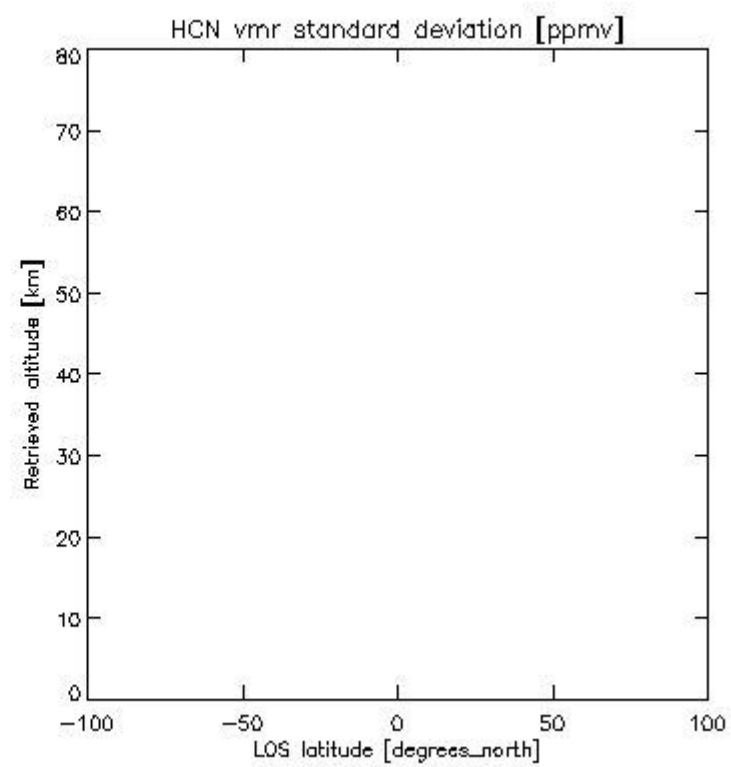
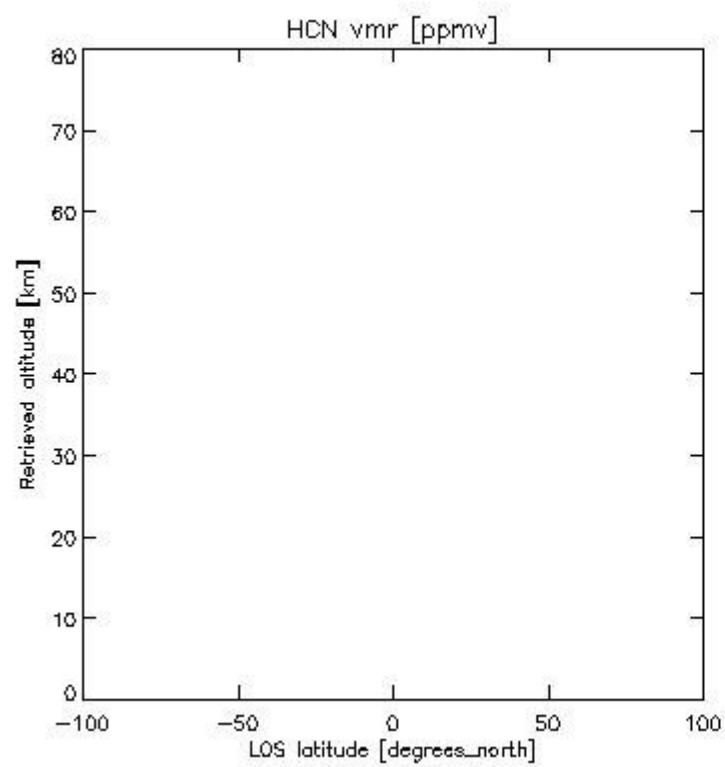


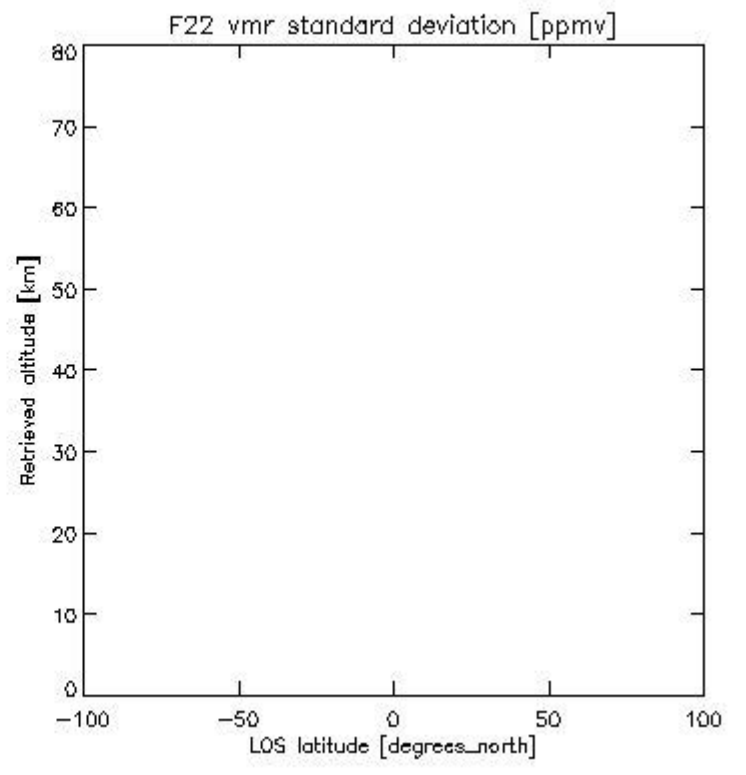
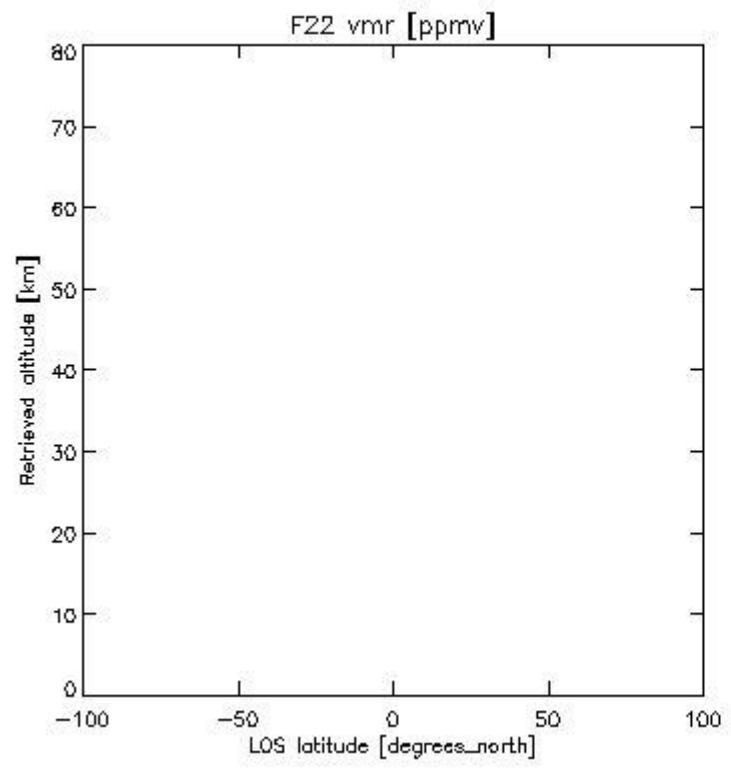
2.3.4 CLNO overview This section shows values (left) and error (right) for CLNO after binning individual sweep values over retrieved altitude and target latitude.











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

