

## 2. SCIAMACHY Daily Report for Level 2 products

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## 2.1 General Info

This report contains a daily analysis on parameters extracted from SCIAMACHY Level 2 data (the SCI\_OL\_\_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	1.13 (28-02-2011)
Time of report generation	24FEB2012 17:10:02
Data source version	SCIA-OL/5.02-W
Processing scope for products	21SEP2002 00:00:00 to 22SEP2002 00:00:00
Start time of first product within scope	21SEP2002 00:17:02
Stop time of last product within scope	22SEP2002 00:38:07
Total number of level 2 products	15
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.

Products are linked to a corresponding server directory for view/download. Note: Link access may be restricted by security settings of your internet browser or firewall.

Products are checked for a minimum duration of 3500.0000 seconds and a maximum duration of 6000.0000 seconds. Products failing the duration test are highlighted in bold, and their stop time is highlighted in red.

#	Product name	Start time	Stop time	Prod err	Fit summary
0	<a href="#">SCI_OL__2PWDP A20020921_001702_000013672009_00360_02919_1791.N1</a>	21SEP2002 00:17:02	21SEP2002 00:39:50	0	GOOD
1	<a href="#">SCI_OL__2PWDP A20020921_024329_000004142009_00361_02920_1792.N1</a>	21SEP2002 02:43:29	21SEP2002 02:50:24	0	GOOD
2	<a href="#">SCI_OL__2PWDP A20020921_033227_000035332009_00362_02921_1793.N1</a>	21SEP2002 03:32:27	21SEP2002 04:31:20	0	GOOD
3	<a href="#">SCI_OL__2PWDP A20020921_051355_000034612009_00363_02922_1794.N1</a>	21SEP2002 05:13:55	21SEP2002 06:11:36	0	GOOD
4	<a href="#">SCI_OL__2PWDP A20020921_070829_000025602009_00364_02923_1795.N1</a>	21SEP2002 07:08:29	21SEP2002 07:51:09	0	GOOD

5	SCI_OL__2PWDP A20020921_083416_000034492009_00365_02924_1796.N1	21SEP2002 08:34:16	21SEP2002 09:31:46	0	GOOD
6	SCI_OL__2PWDP A20020921_101543_000034602009_00366_02925_1797.N1	21SEP2002 10:15:43	21SEP2002 11:13:24	0	GOOD
7	SCI_OL__2PWDP A20020921_115529_000035332009_00367_02926_1798.N1	21SEP2002 11:55:29	21SEP2002 12:54:22	0	GOOD
8	SCI_OL__2PWDP A20020921_133655_000034592009_00368_02927_1799.N1	21SEP2002 13:36:55	21SEP2002 14:34:35	0	GOOD
9	SCI_OL__2PWDP A20020921_151642_000035332009_00369_02928_1800.N1	21SEP2002 15:16:42	21SEP2002 16:15:35	0	GOOD
10	SCI_OL__2PWDP A20020921_165807_000034592009_00370_02929_1801.N1	21SEP2002 16:58:07	21SEP2002 17:55:46	0	GOOD
11	SCI_OL__2PWDP A20020921_183835_000034202009_00371_02930_1802.N1	21SEP2002 18:38:35	21SEP2002 19:35:35	0	GOOD
12	SCI_OL__2PWDP A20020921_201929_000034472009_00372_02931_1803.N1	21SEP2002 20:19:29	21SEP2002 21:16:57	0	GOOD
13	SCI_OL__2PWDP A20020921_215908_000035332009_00373_02932_1804.N1	21SEP2002 21:59:08	21SEP2002 22:58:01	0	GOOD
14	SCI_OL__2PWDP A20020921_234030_000034562009_00374_02933_1805.N1	21SEP2002 23:40:30	22SEP2002 00:38:07	0	GOOD

## 2.2 Product Quality Indicators

### 2.2.1 Cloud parameters

This section shows information about the cloud parameters estimation, in particular cloud fractions and cloud top height. IMPORTANT NOTE: The contents and layout of this section are still being validated. Please use with caution.

#### General statistics:

Total number of cloud data DSRs: 92960

Total number of cloud data DSRs with good quality flag (=0): 92960 (100.0 %)

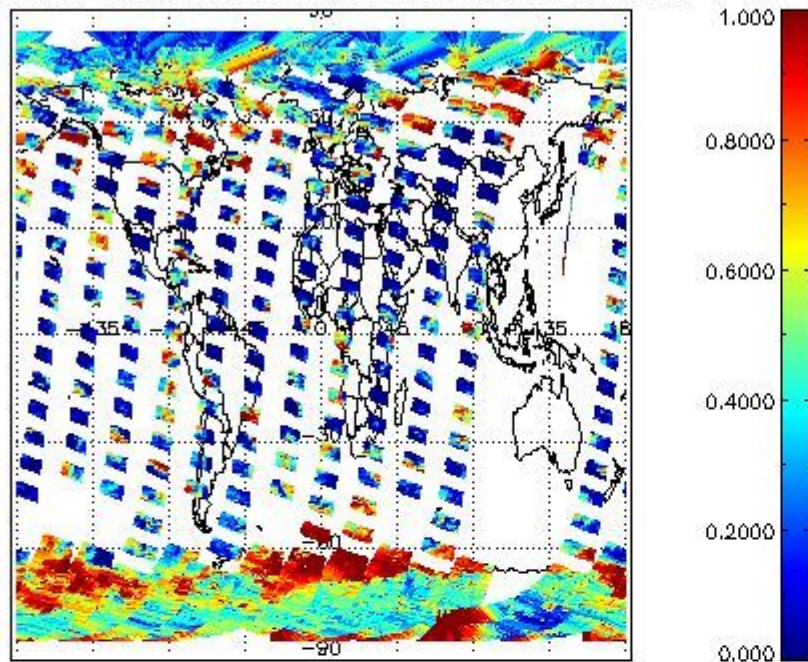
Parameter	#valid	Mean	Median	Min	Max	Stddev	Unit
QUALITY_FLAG	92960	0.0000	0.0000	0.0000	0.0000	0.0000	
INTEGR_TIME	92960	0.23989	0.25000	0.12500	1.0000	0.11621	s
CL_FRAC	92960	0.39450	0.34520	0.0000	1.0000	0.33371	
CL_FRAC_ERR	92960	0.0000	0.0000	0.0000	0.0000	0.0000	%
PMD_READ	92960	7.6764	8.0000	4.0000	32.000	3.7189	
PMD_READ_CL[0]	92960	0.83656	0.0000	0.0000	32.000	2.4020	-
PMD_READ_CL[1]	92960	1.9651	0.0000	0.0000	28.000	3.0499	-
CL_TOP_HEIGHT	82747	3.2725	1.6390	0.0000	17.000	3.7781	km
CL_TOP_HEIGHT_ERR	0	---	---	---	---	---	---
CL_OPT_DEPTH	82747	52.949	43.082	0.0000	101.00	41.704	km
CL_OPT_DEPTH_ERR	0	---	---	---	---	---	---
CL_TYPE_FLAGS	92960	11100000	11100000	11100000	11100000	0.0000	
CLOUD_FLAGS	92960	11001011	11000100	11000000	11100000	3385.9	
AERO_ABSO_IND	92960	0.17591	0.0000	0.0000	7.5292	0.44736	
AERO_IND_DIAG	92960	0.0000	0.0000	0.0000	0.0000	0.0000	
AERO_FLAGS	92960	01110101	11000000	00000000	11000000	23957.	

#### Time and geolocation plots:

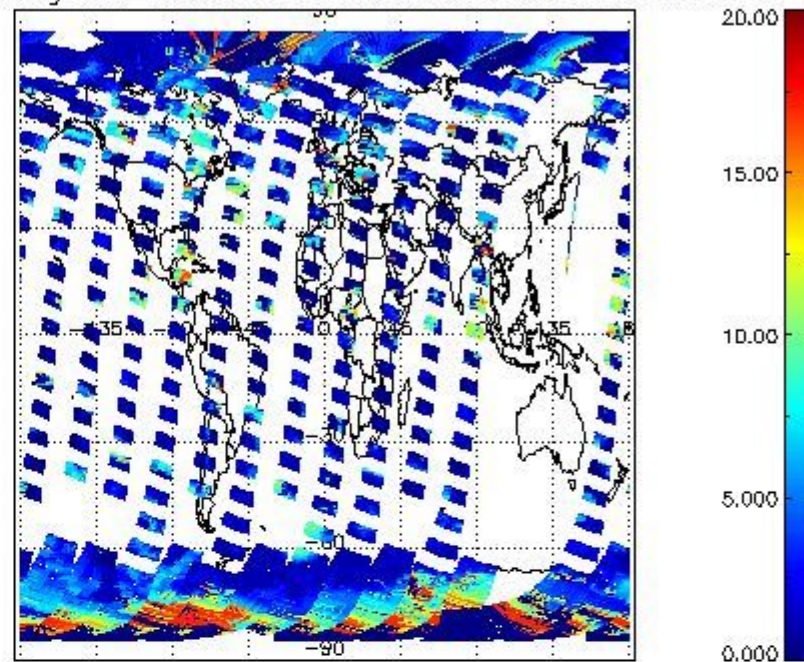
Plots are available for the following parameters:

Number	Data item ID
0	cl_frac
1	cl_top_height
2	cl_opt_depth
3	cloud_flags

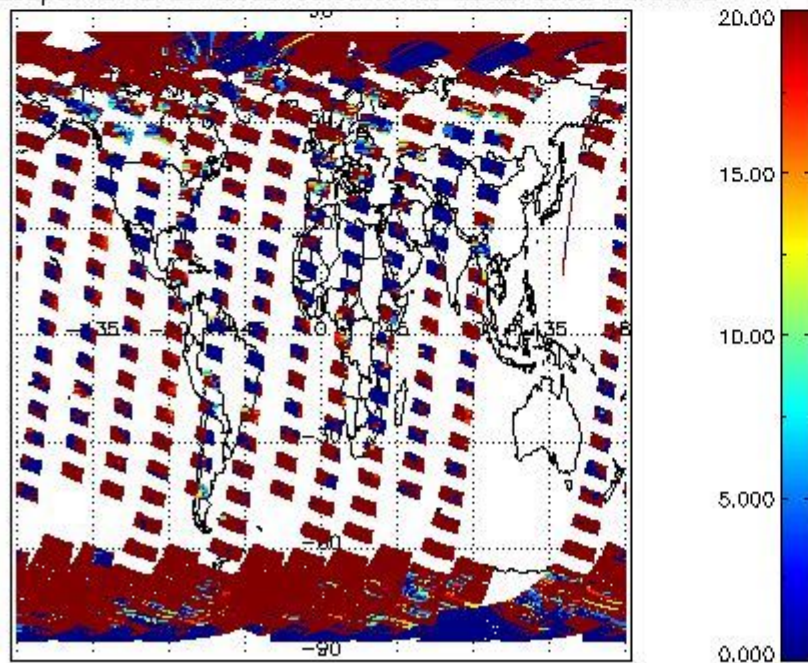
cL\_frac for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



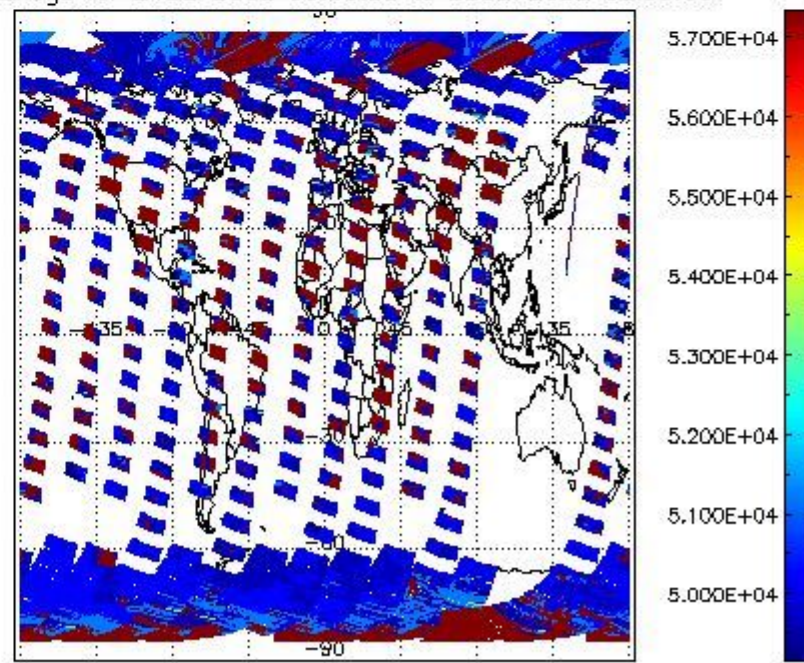
cL\_top\_height for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



cL\_opt\_depth for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



cloud\_flags for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



## 2.2.2 Nadir

This section shows information about product quality of nadir measurements, in particular the quality of retrieved species.

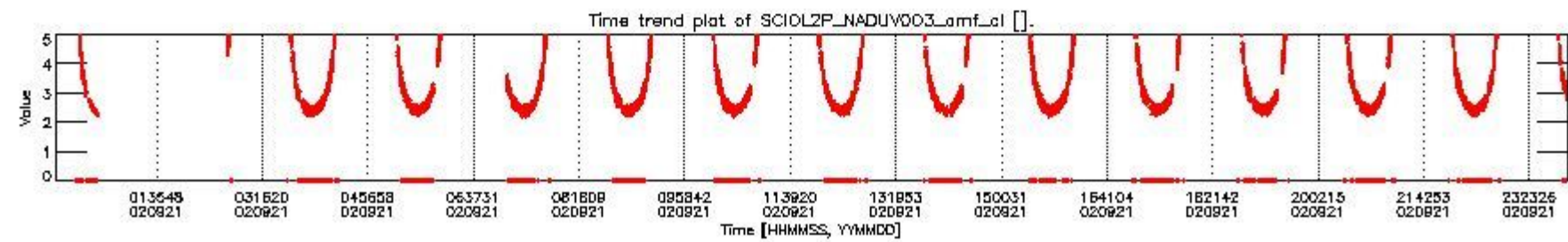
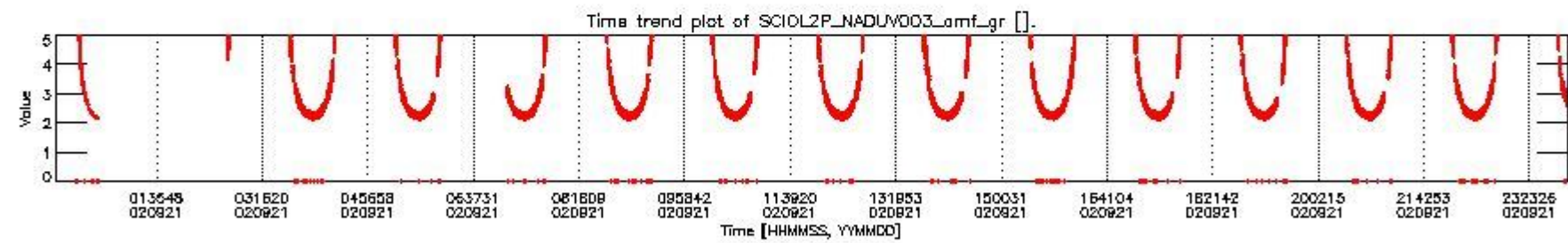
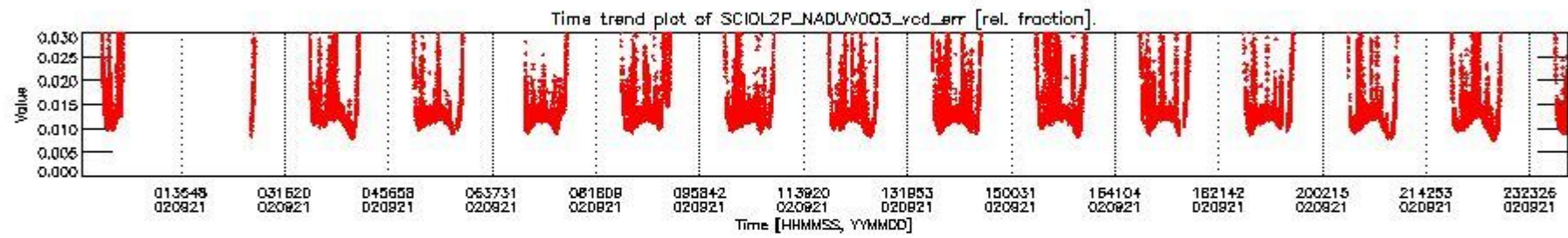
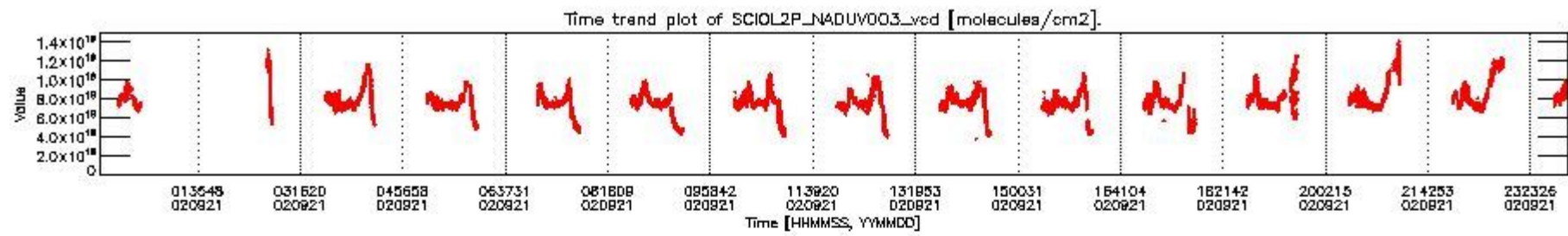
The following data items are currently included into this section:

Number	Data item ID
0	SCIOL2P_NADUV003_vcd
1	SCIOL2P_NADUV003_vcd_err
2	SCIOL2P_NADUV003_amf_gr

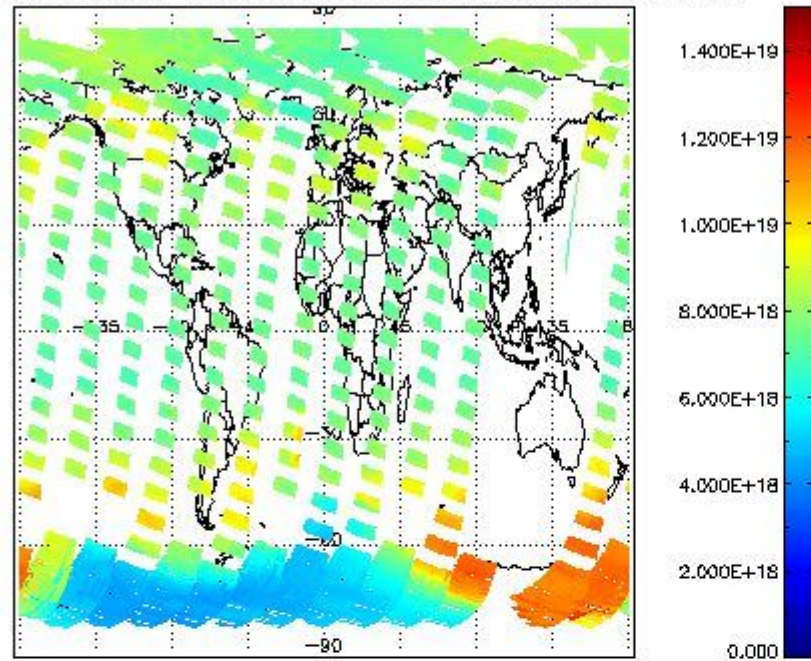
3	SCIOL2P_NADUV0O3_amf_cl
4	SCIOL2P_NADUV1NO2_vcd
5	SCIOL2P_NADUV1NO2_vcd_err
6	SCIOL2P_NADUV1NO2_amf_gr
7	SCIOL2P_NADUV1NO2_amf_cl
8	SCIOL2P_NADUV3BRO_vcd
9	SCIOL2P_NADUV3BRO_vcd_err
10	SCIOL2P_NADUV3BRO_amf_gr
11	SCIOL2P_NADUV3BRO_amf_cl
12	SCIOL2P_NADUV5SO2_vcd
13	SCIOL2P_NADUV5SO2_vcd_err
14	SCIOL2P_NADUV5SO2_amf_gr
15	SCIOL2P_NADUV5SO2_amf_cl
16	SCIOL2P_NADUV7SO2_vcd
17	SCIOL2P_NADUV7SO2_vcd_err
18	SCIOL2P_NADUV7SO2_amf_gr
19	SCIOL2P_NADUV7SO2_amf_cl
20	SCIOL2P_NADUV6OCL_slant_col_den
21	SCIOL2P_NADUV6OCL_err_slant_col
22	SCIOL2P_NADUV8H2O_vcd
23	SCIOL2P_NADUV8H2O_vcd_err
24	SCIOL2P_NADUV8H2O_amf_gr
25	SCIOL2P_NADIR3CO_vcd
26	SCIOL2P_NADIR3CO_vcd_err

Data is presented both in time trend plots and world map plots, in order to show variations with time and geolocation. The vertical dotted lines in the time trend plots indicate orbits. The orbit times on the X-axis are estimated sensing\_start time as suggested by the product sensing\_start time in the MPH.

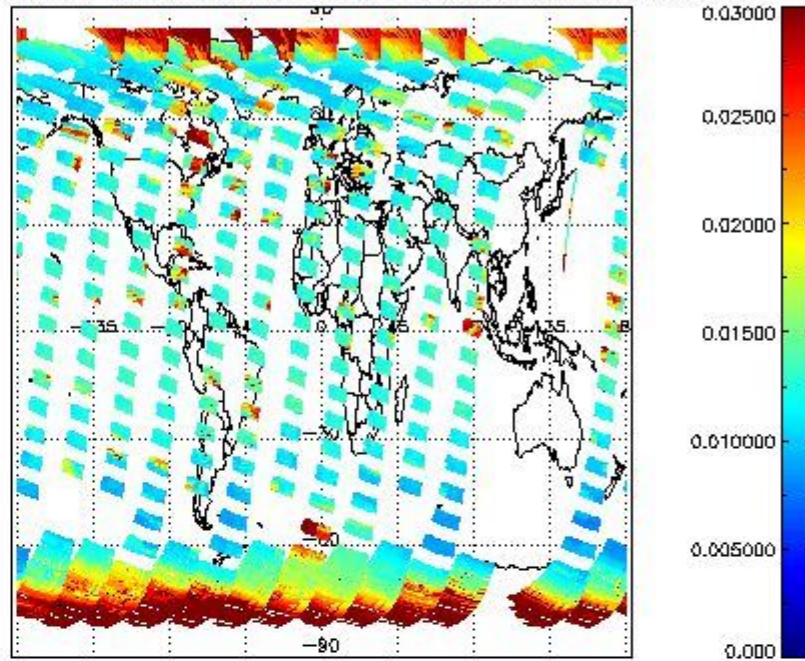
#### [2.2.2.1 O3 \(UV0\)](#)



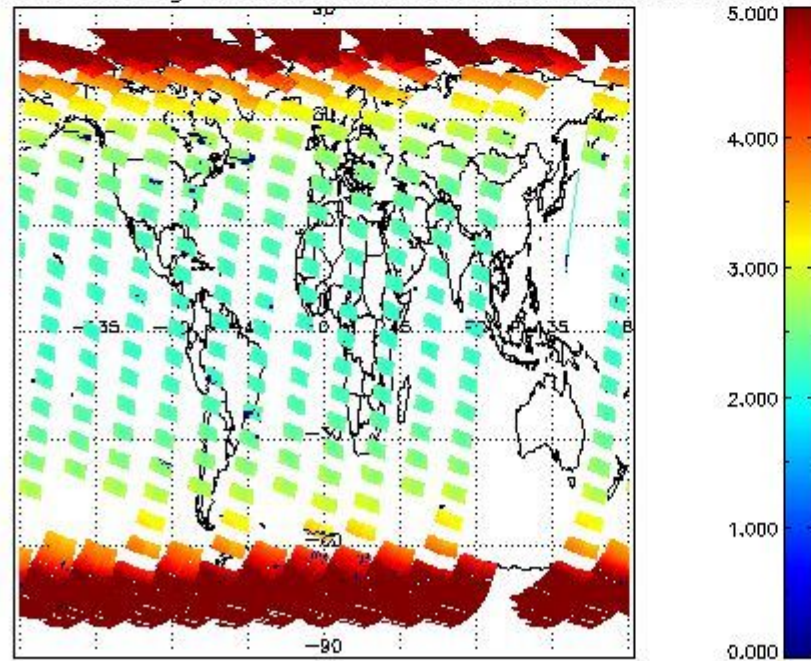
SCIOL2P\_NADUV003\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



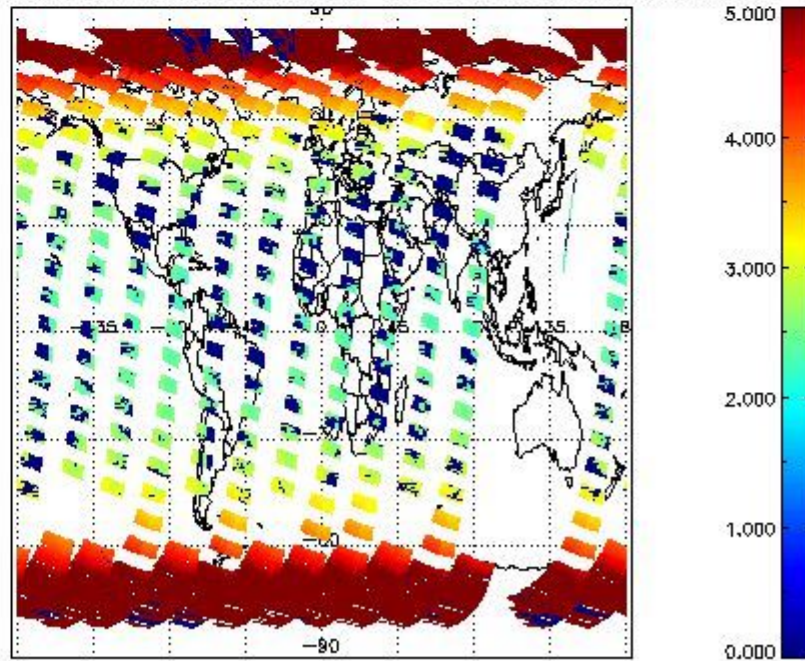
SCIOL2P\_NADUV003\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



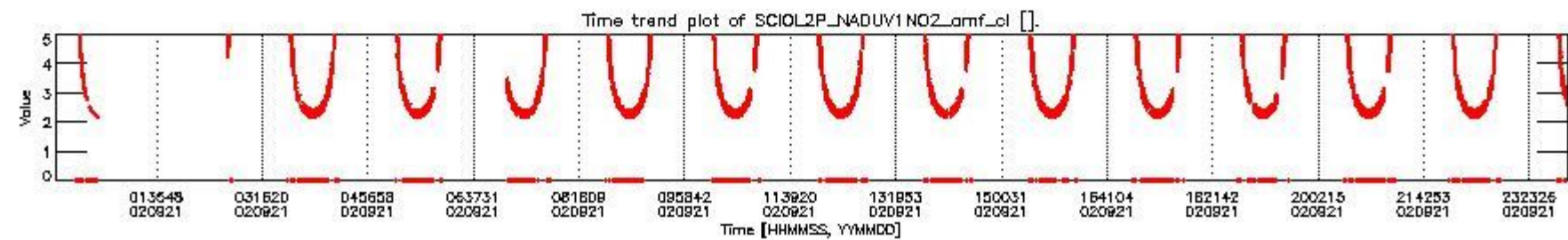
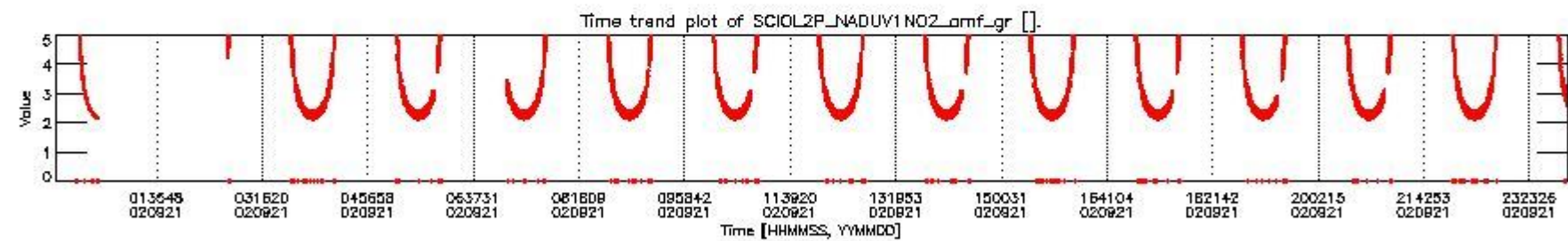
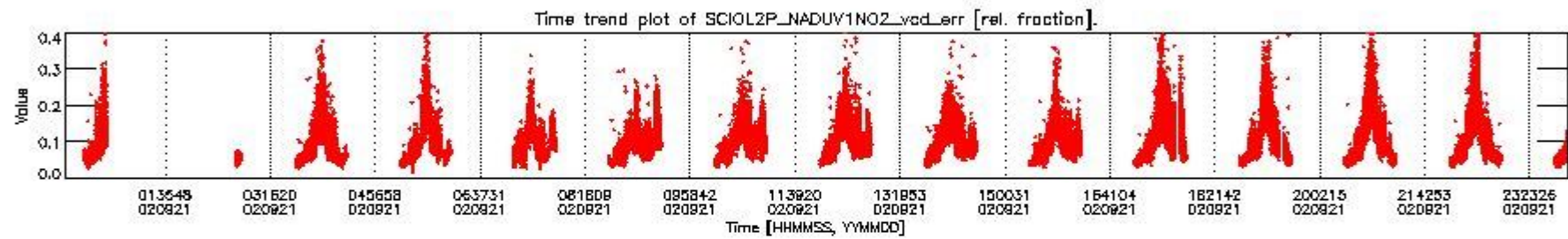
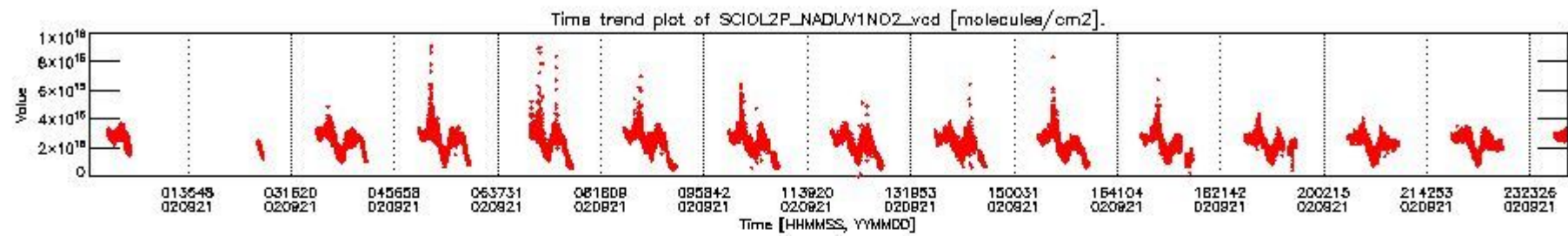
SCIOL2P\_NADUV003\_amf\_gr for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



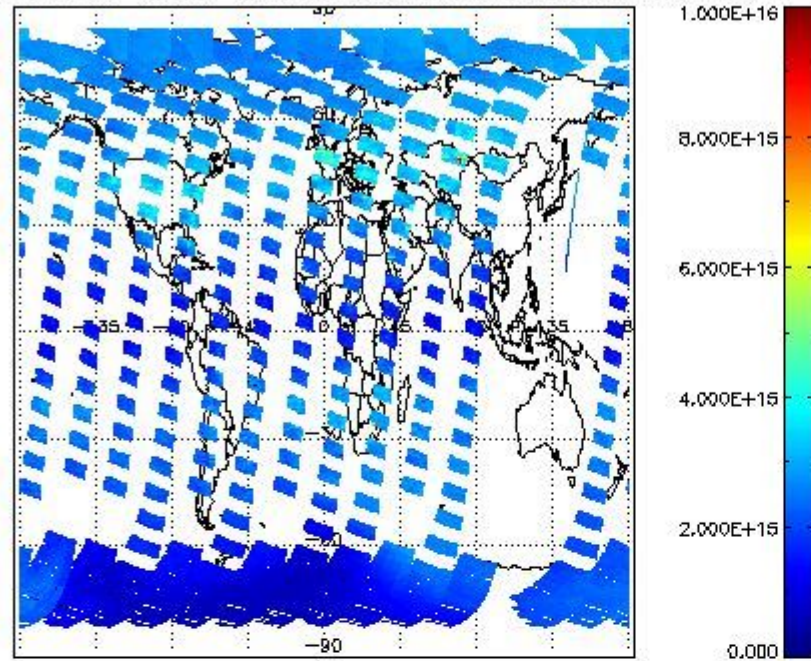
SCIOL2P\_NADUV003\_amf\_cl for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



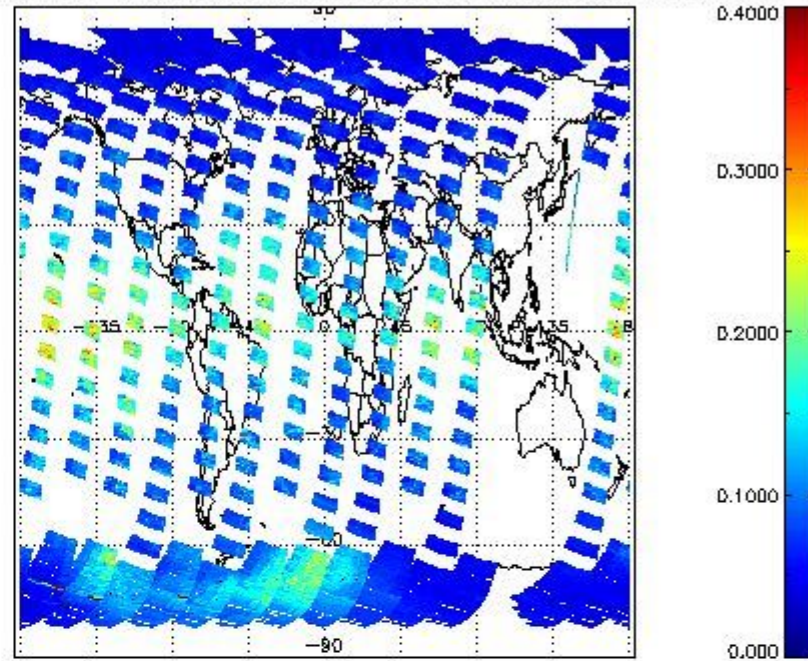
2.2.2.2 NO2 (UV1)



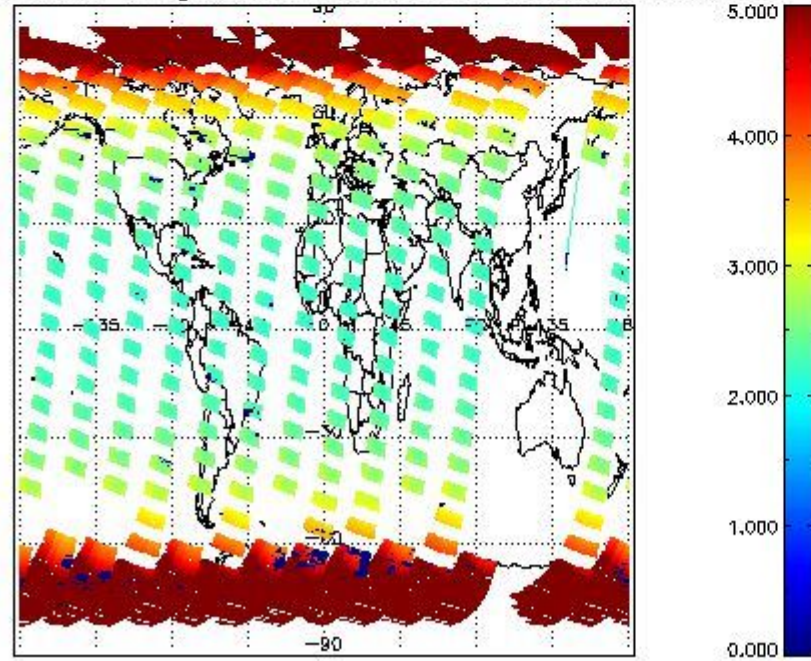
SCIOL2P\_NADUV1N02\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



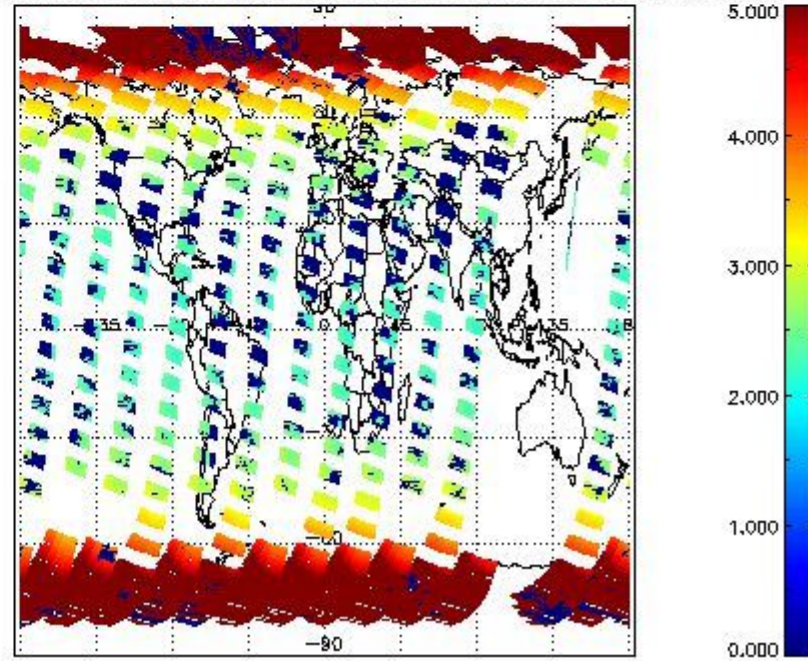
SCIOL2P\_NADUV1N02\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



SCIOL2P\_NADUV1N02\_amf\_gr for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

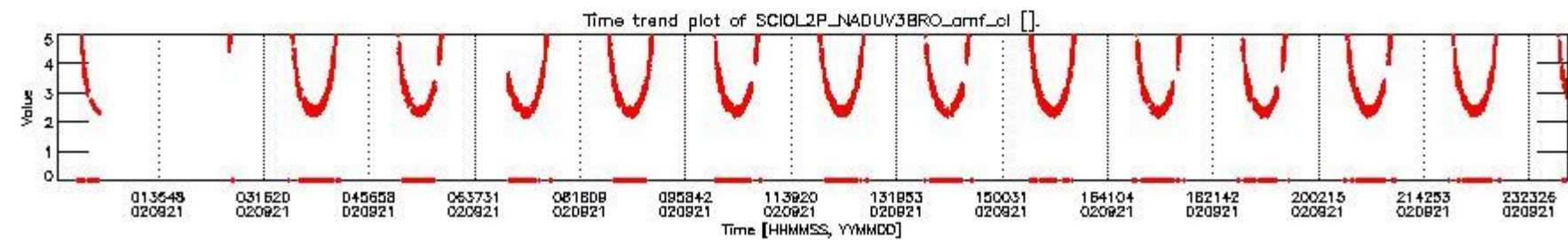
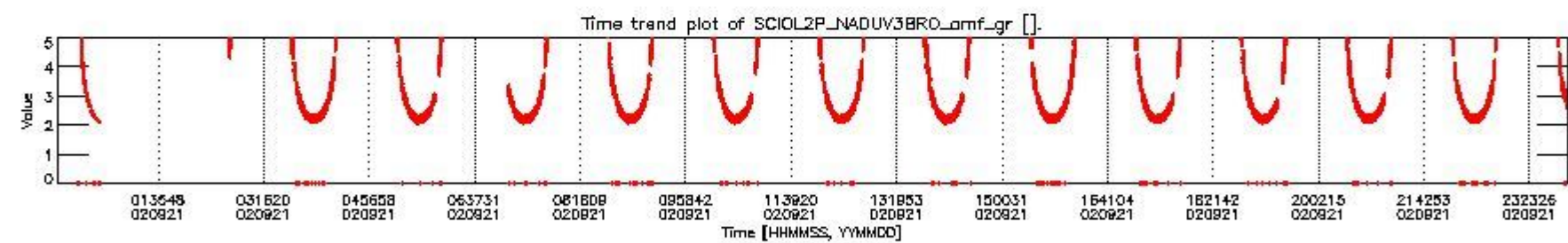
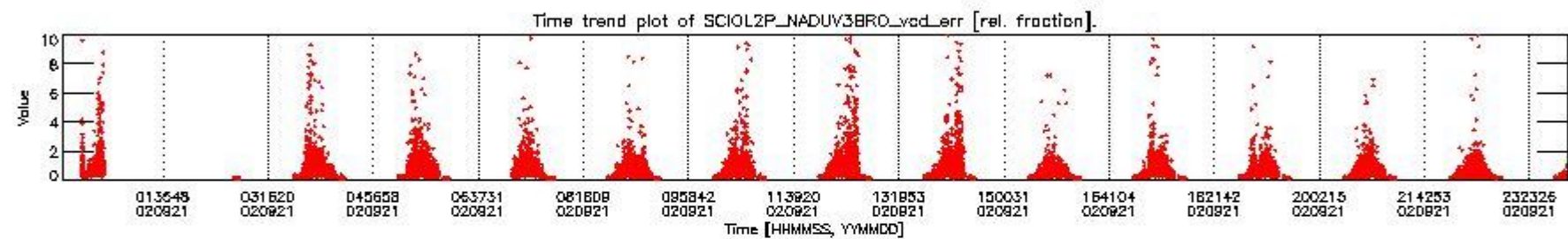
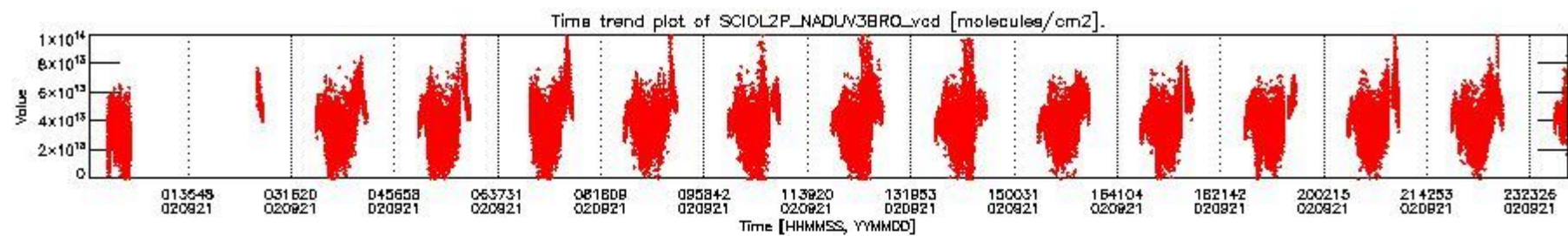


SCIOL2P\_NADUV1N02\_amf\_cl for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

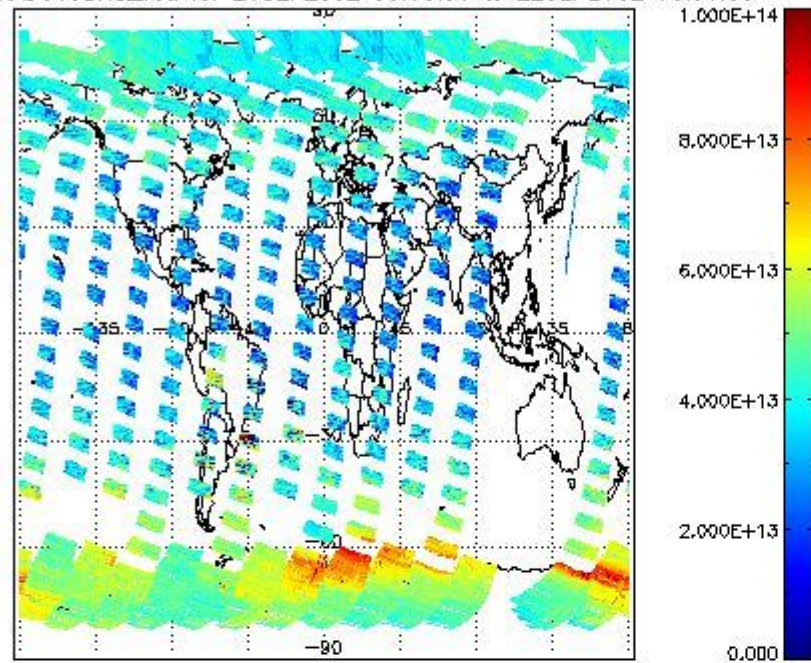


2.2.2.3 BrO (UV3)

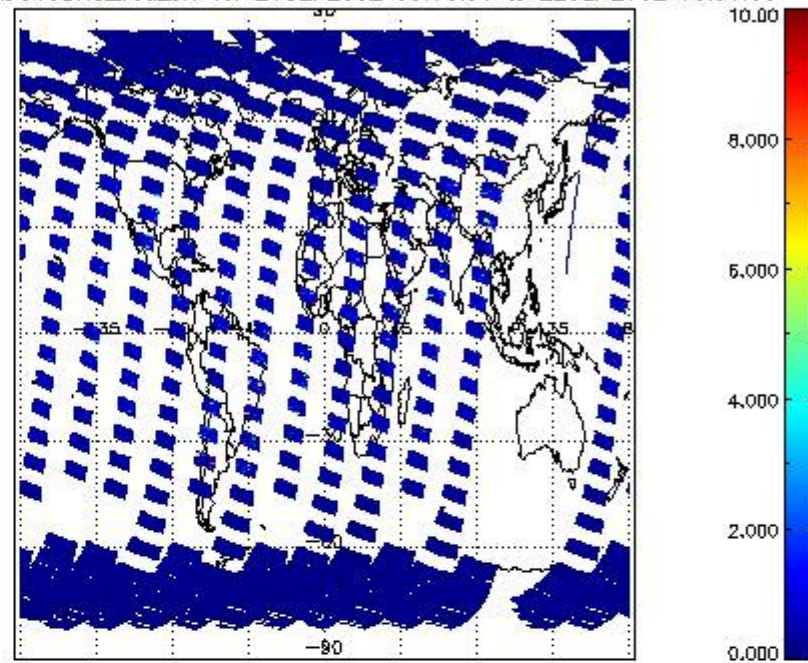




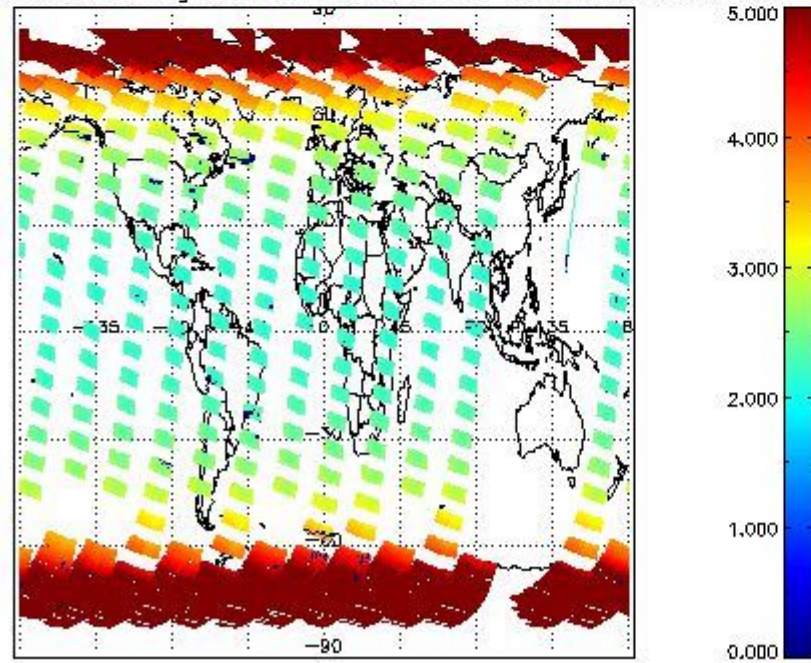
SCIOL2P\_NADUV3BRO\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



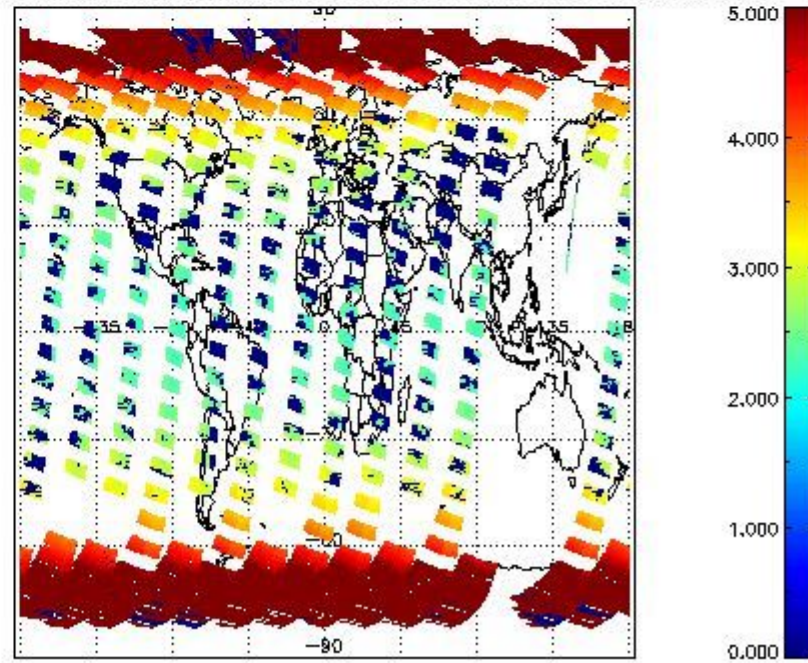
SCIOL2P\_NADUV3BRO\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



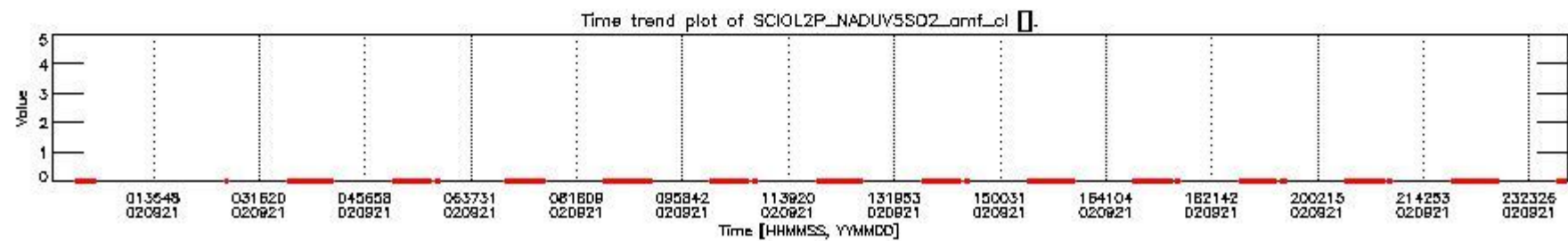
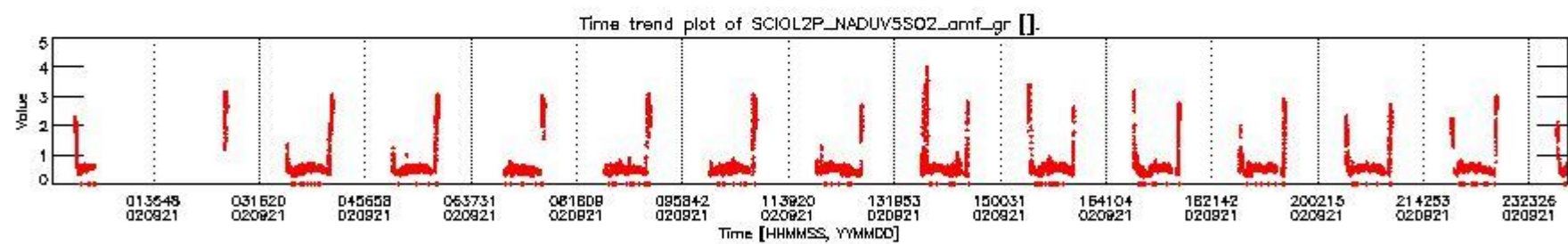
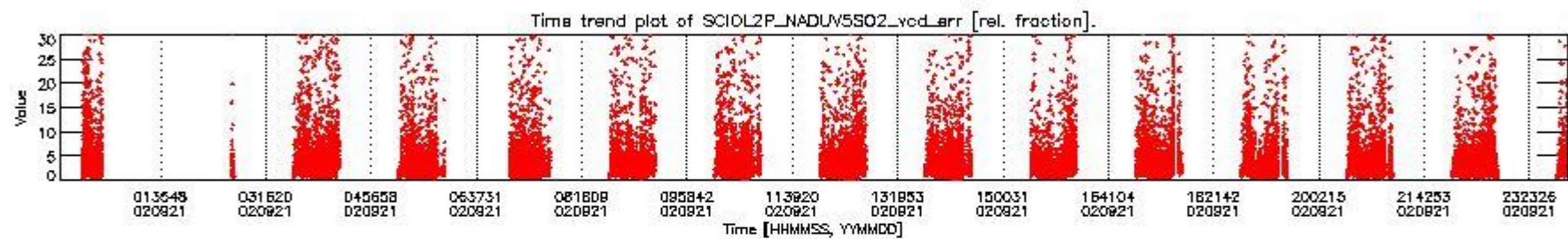
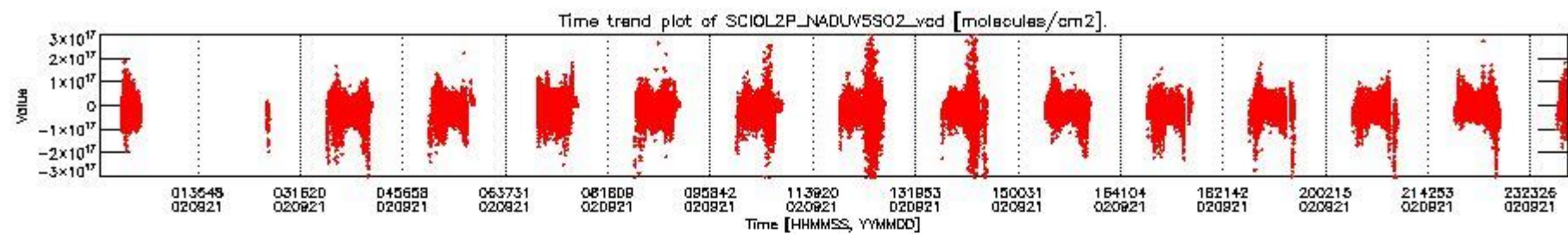
SCIOL2P\_NADUV3BRO\_amf\_gr for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



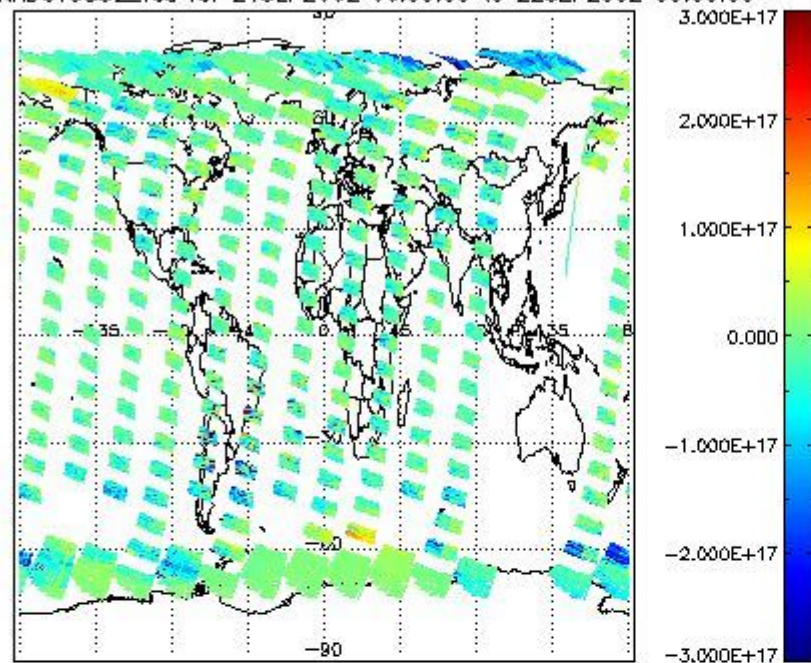
SCIOL2P\_NADUV3BRO\_amf\_cl for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



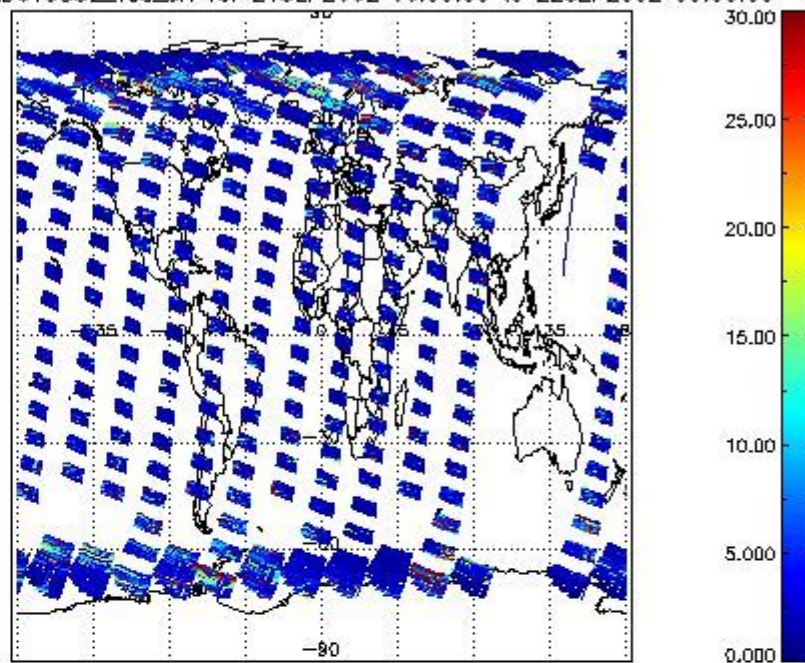
2.2.2.4 SO2 (UV5)



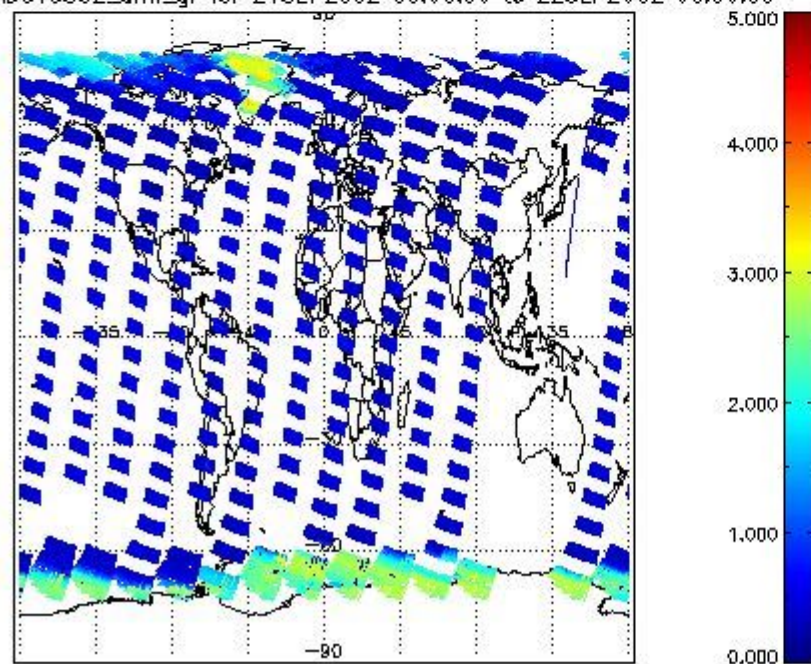
SCIOL2P\_NADUV5S02\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



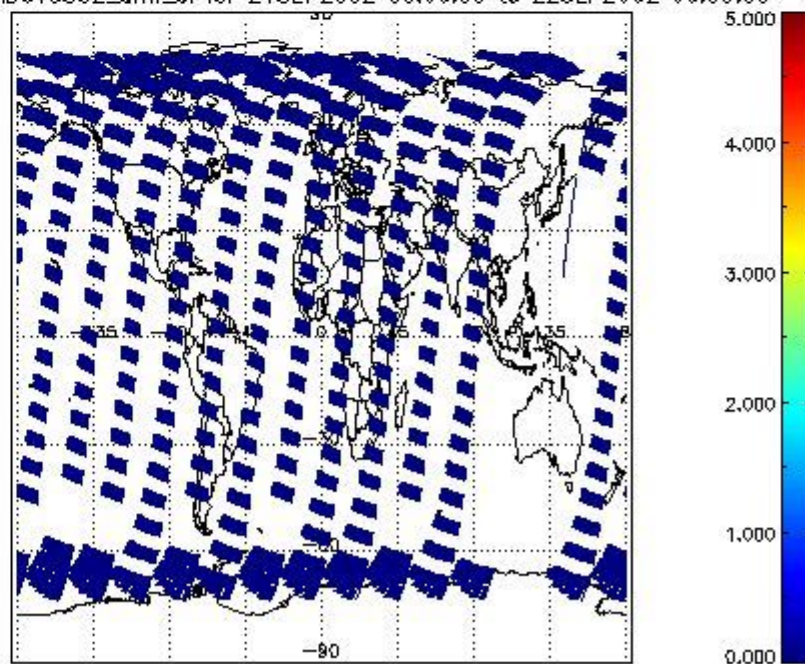
SCIOL2P\_NADUV5S02\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



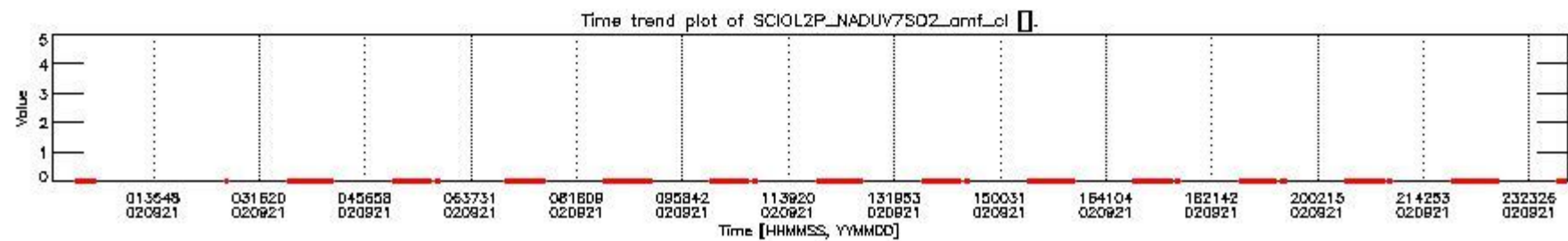
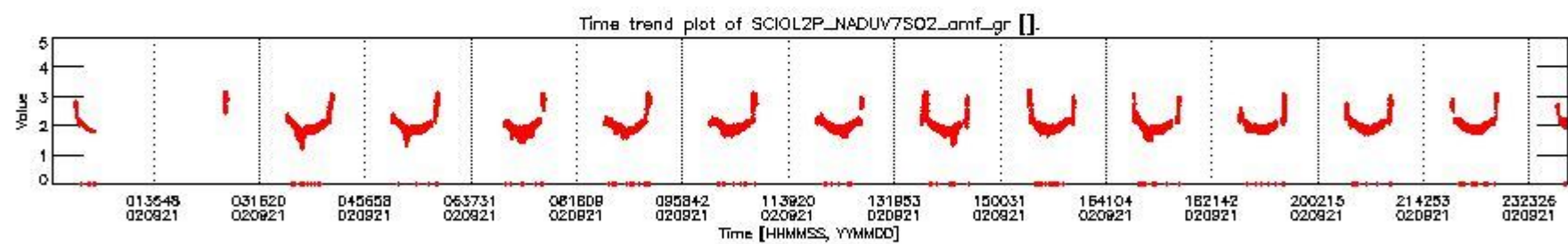
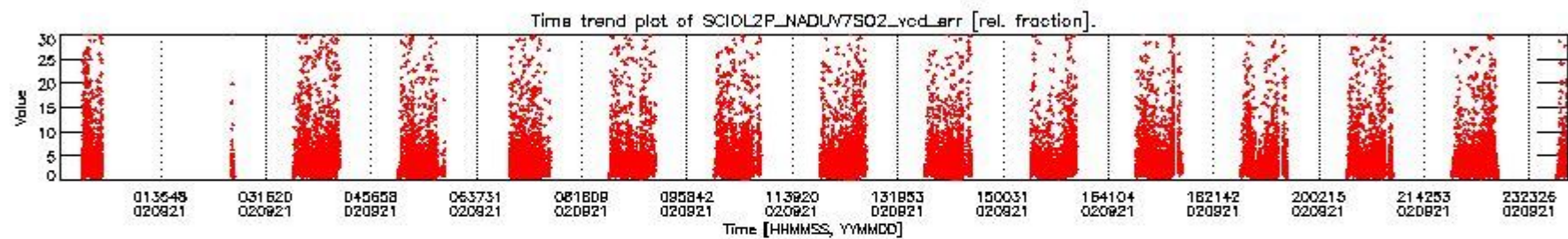
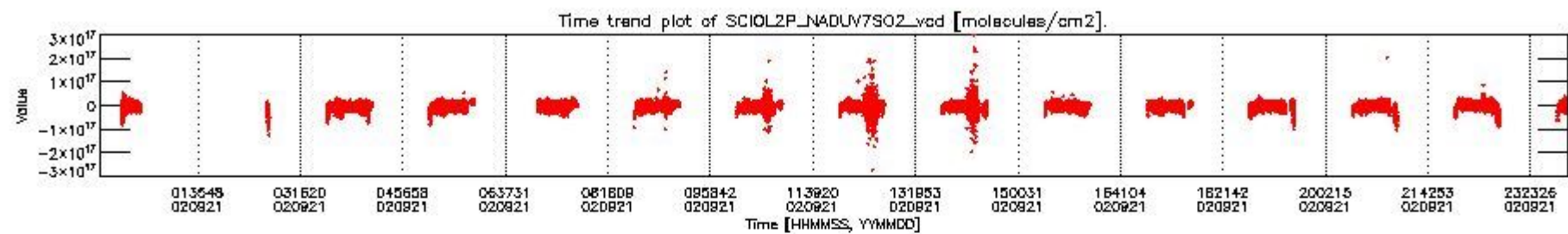
SCIOL2P\_NADUV5S02\_amf\_gr for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



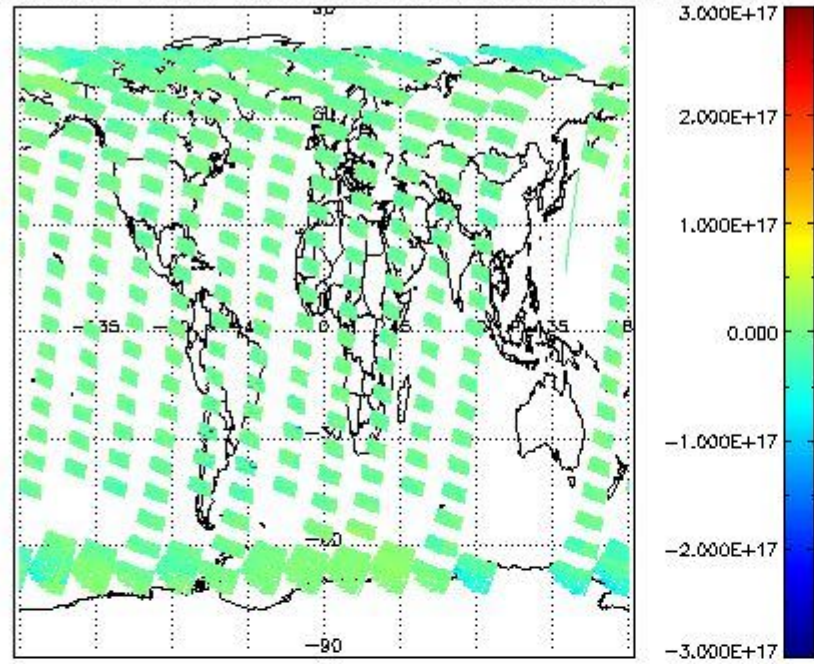
SCIOL2P\_NADUV5S02\_amf\_cl for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



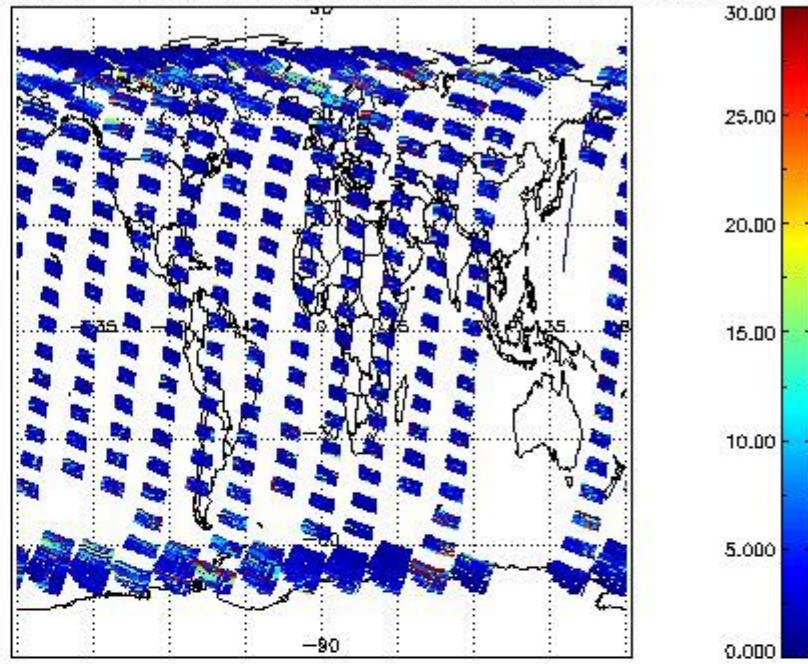
2.2.2.5 SO2 (UV7)



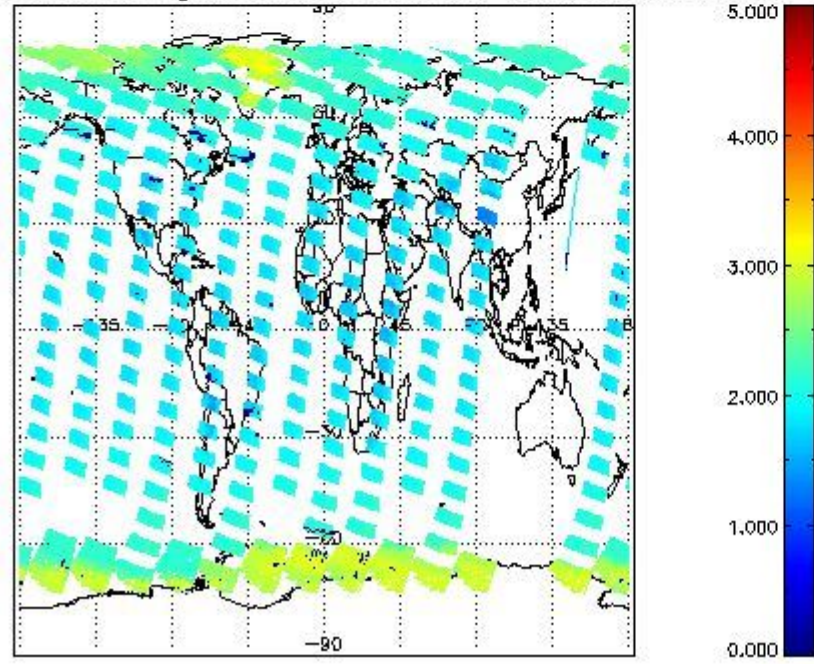
SCIOL2P\_NADUV7S02\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



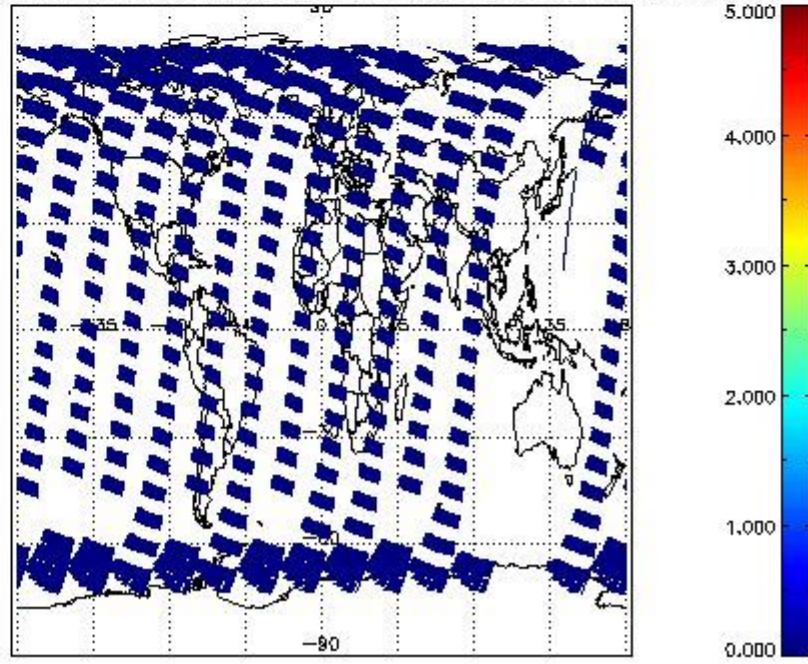
SCIOL2P\_NADUV7S02\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



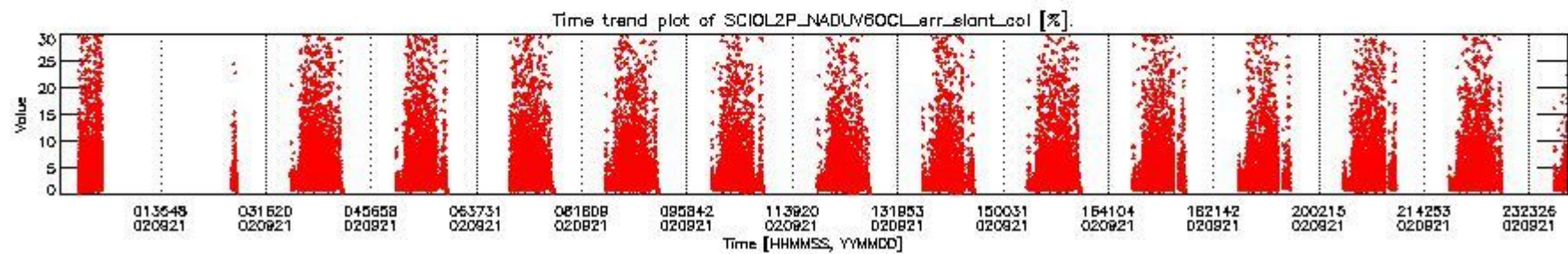
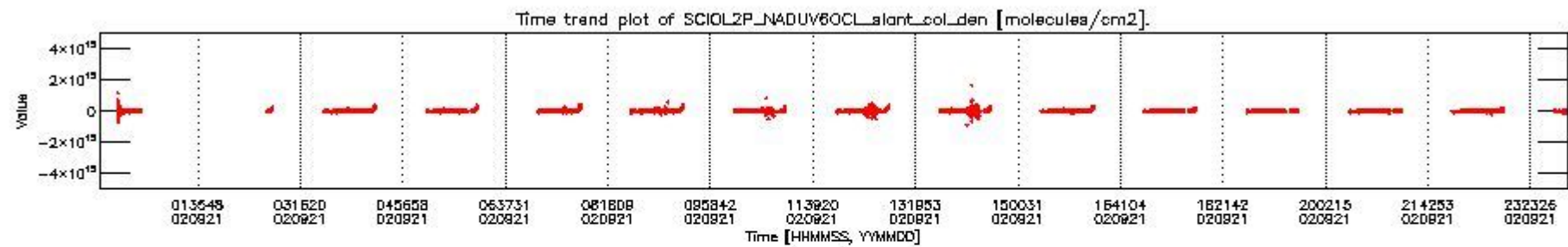
SCIOL2P\_NADUV7S02\_amf\_gr for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



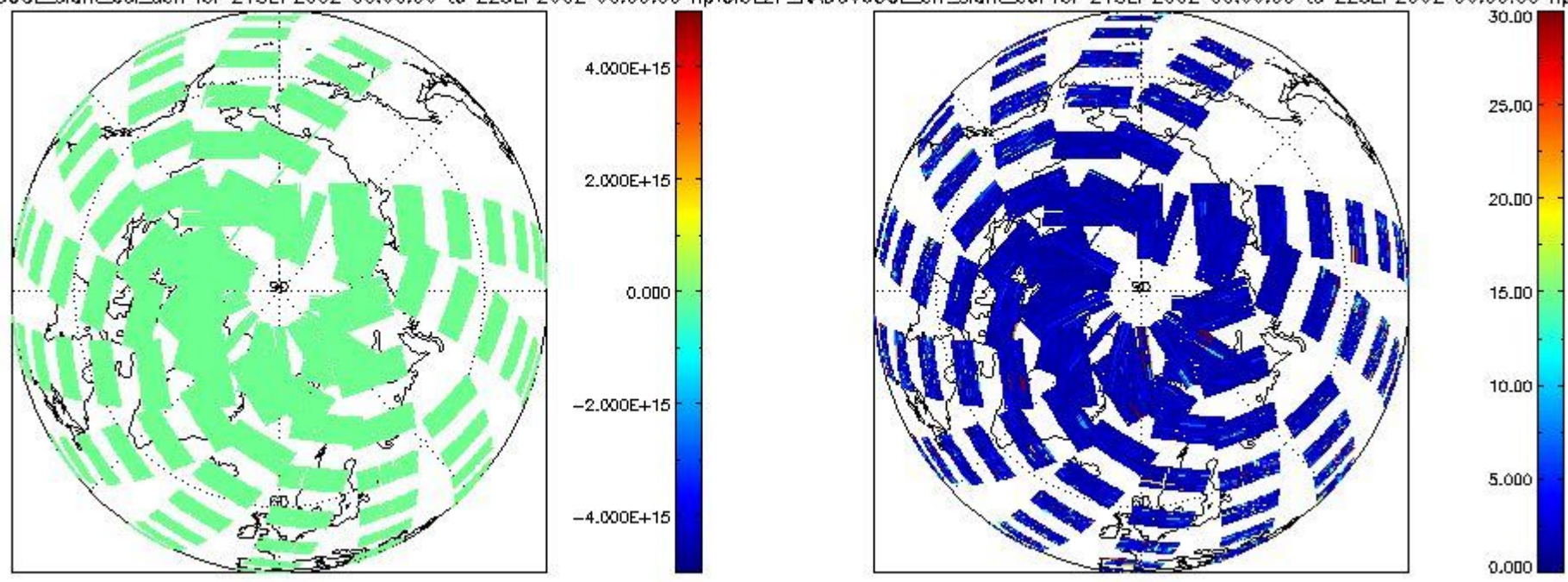
SCIOL2P\_NADUV7S02\_amf\_cl for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



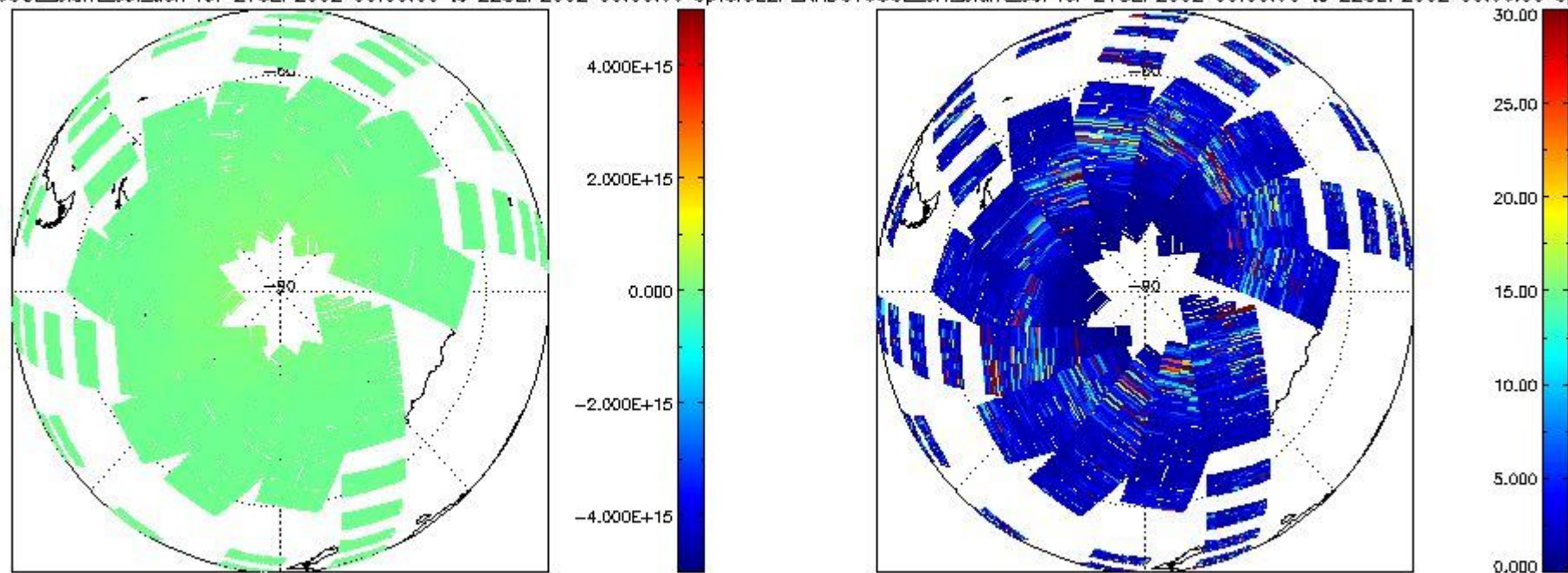
### 2.2.2.6 OCIO (UV6)



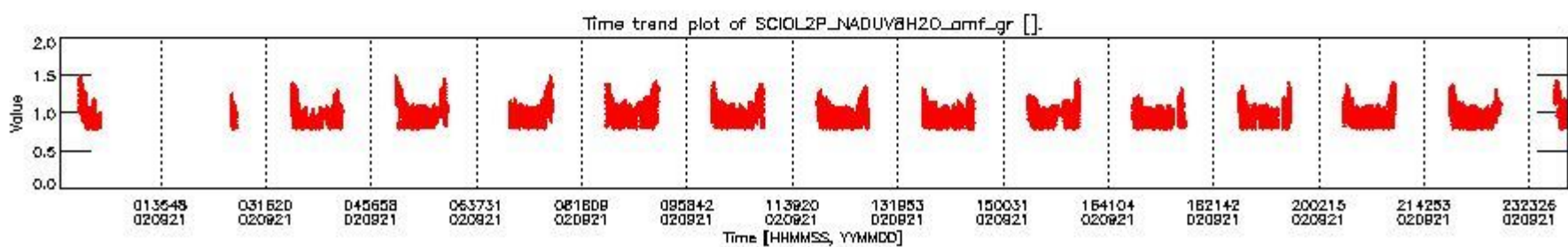
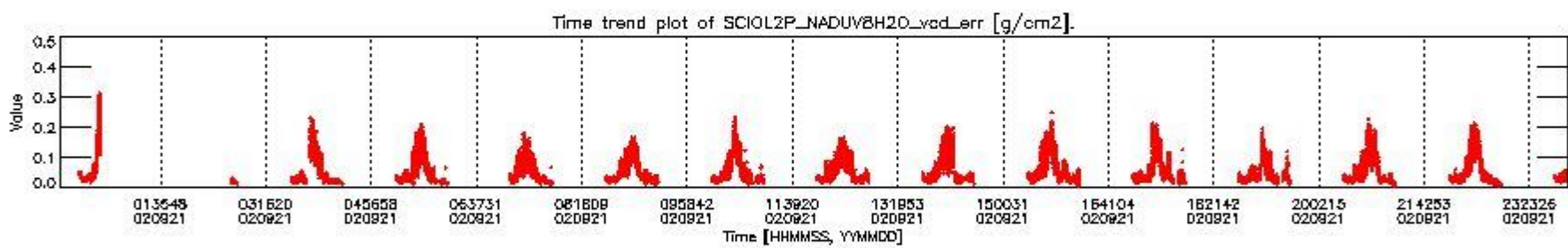
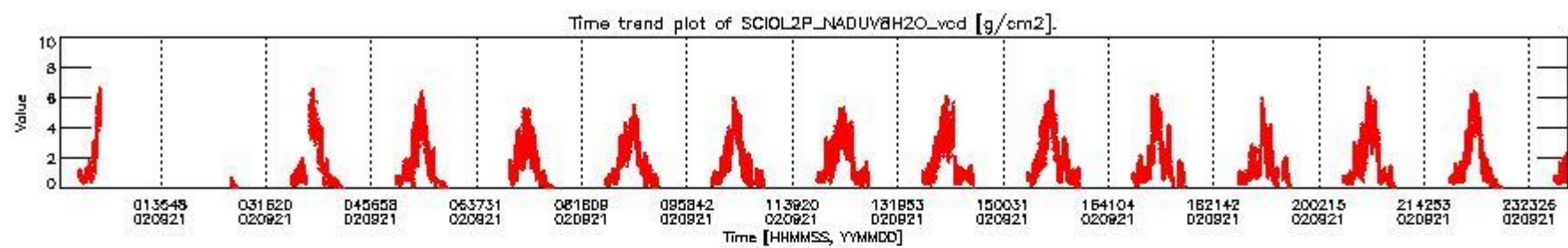
CIOL2P\_NADUV60CLslant\_col\_den for 21SEP2002 00:00:00 to 22SEP2002 00:00:00 np; CIOL2P\_NADUV60CLarr\_slant\_col for 21SEP2002 00:00:00 to 22SEP2002 00:00:00 np



CIOL2P\_NADUV60CL\_slant\_col\_den for 21SEP2002 00:00:00 to 22SEP2002 00:00:00 sp | CIOL2P\_NADUV60CL\_err\_slant\_col for 21SEP2002 00:00:00 to 22SEP2002 00:00:00 sp

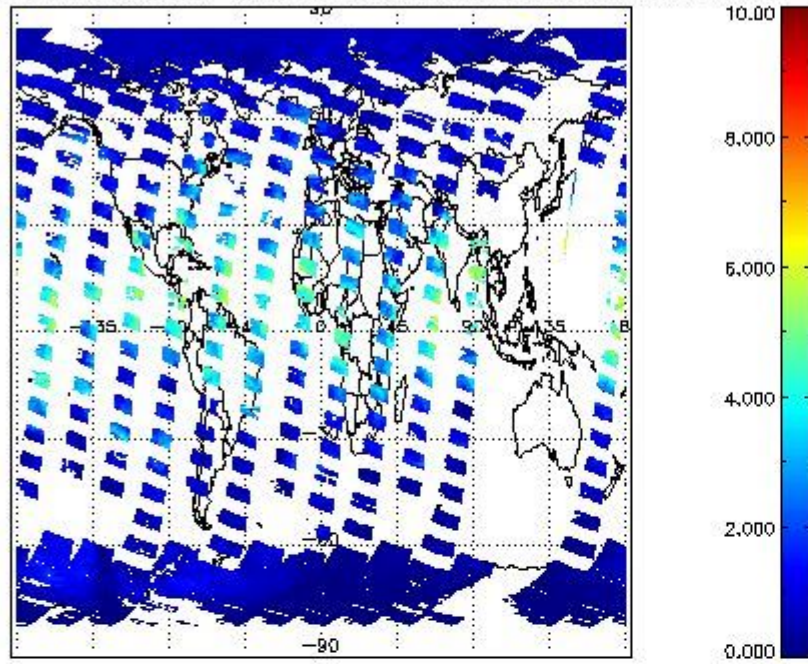


### 2.2.2.7 H2O (UV8)

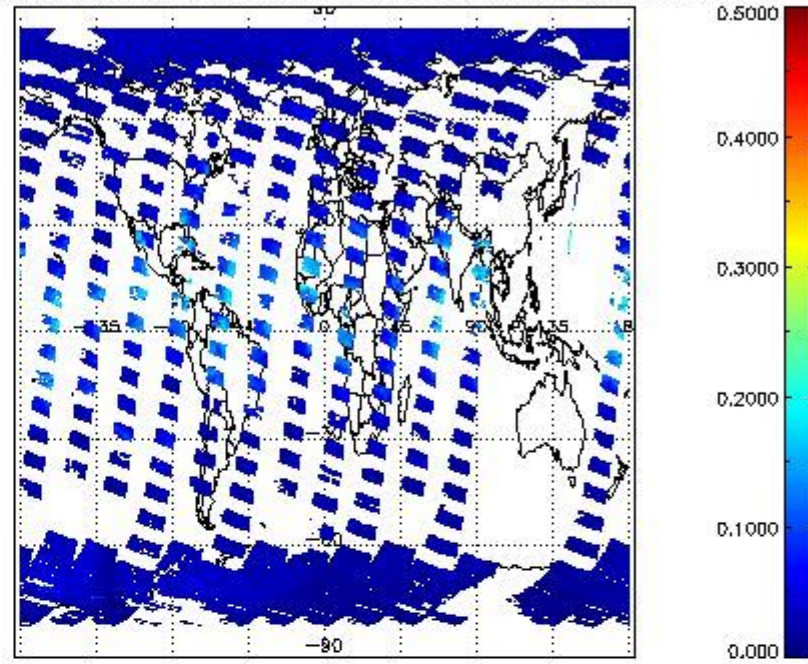




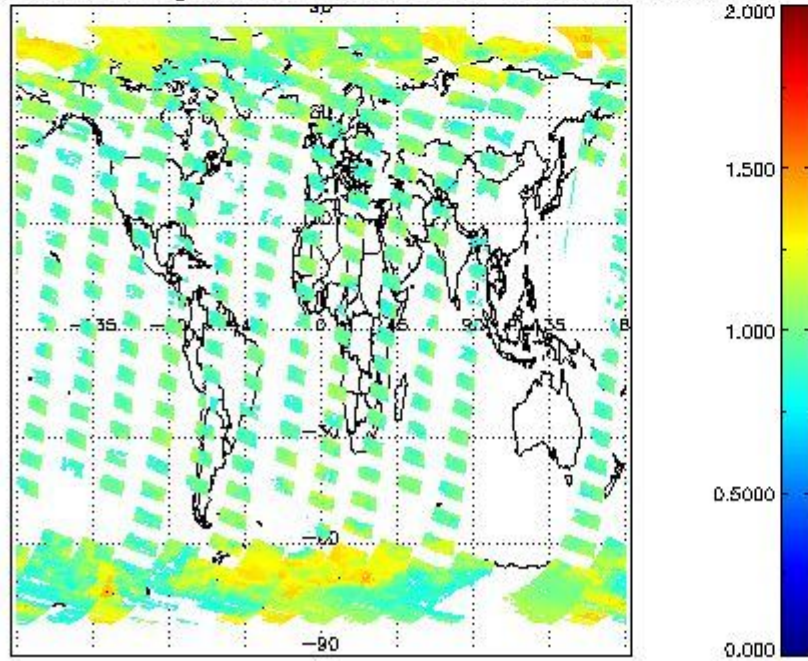
SCIOL2P\_NADUV8H2O\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

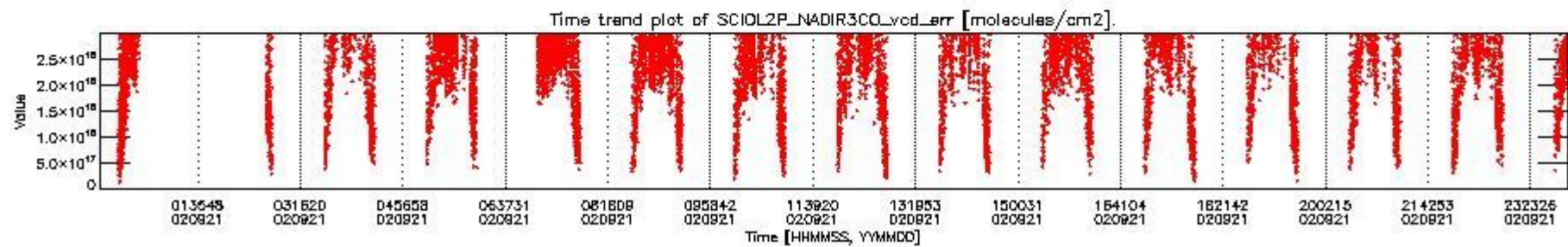
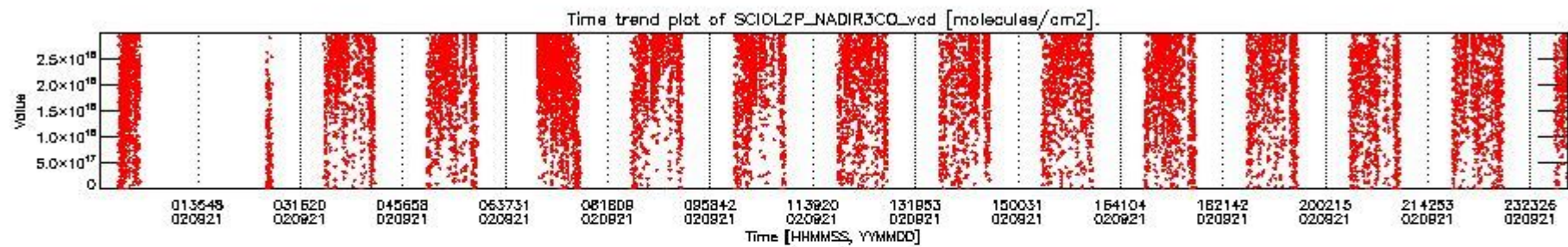


SCIOL2P\_NADUV8H2O\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

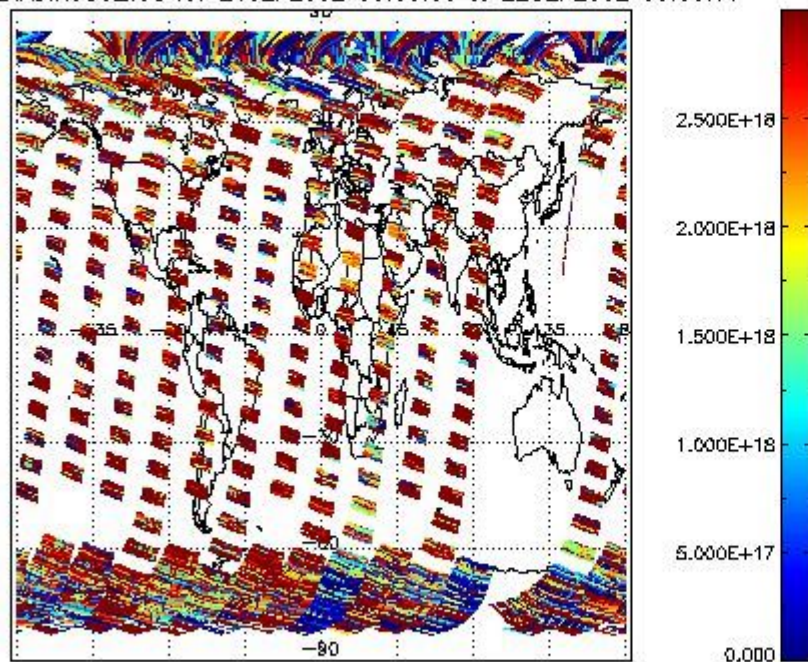


SCIOL2P\_NADUV8H2O\_arnf\_gr for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

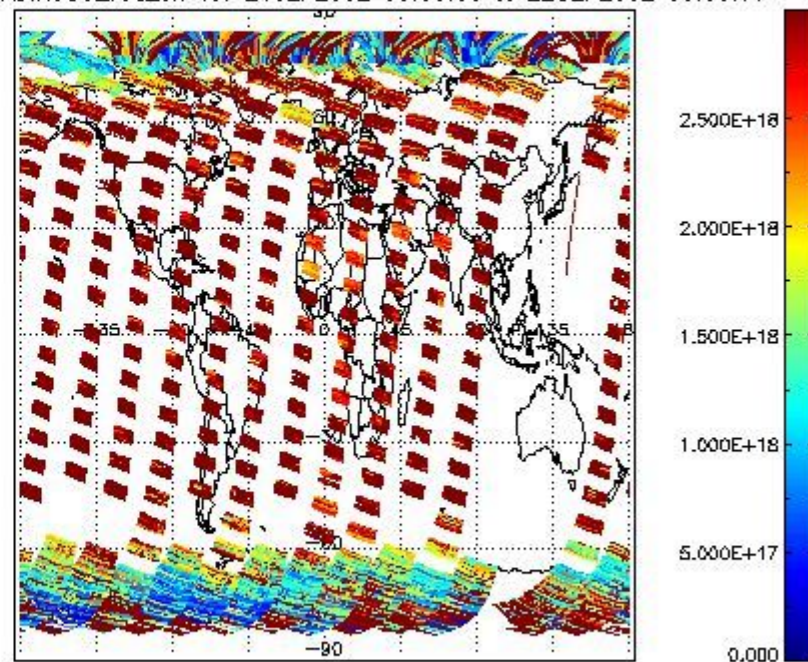




SCIDL2P\_NADIR3CO\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



SCIDL2P\_NADIR3CO\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



### 2.2.3 Limb

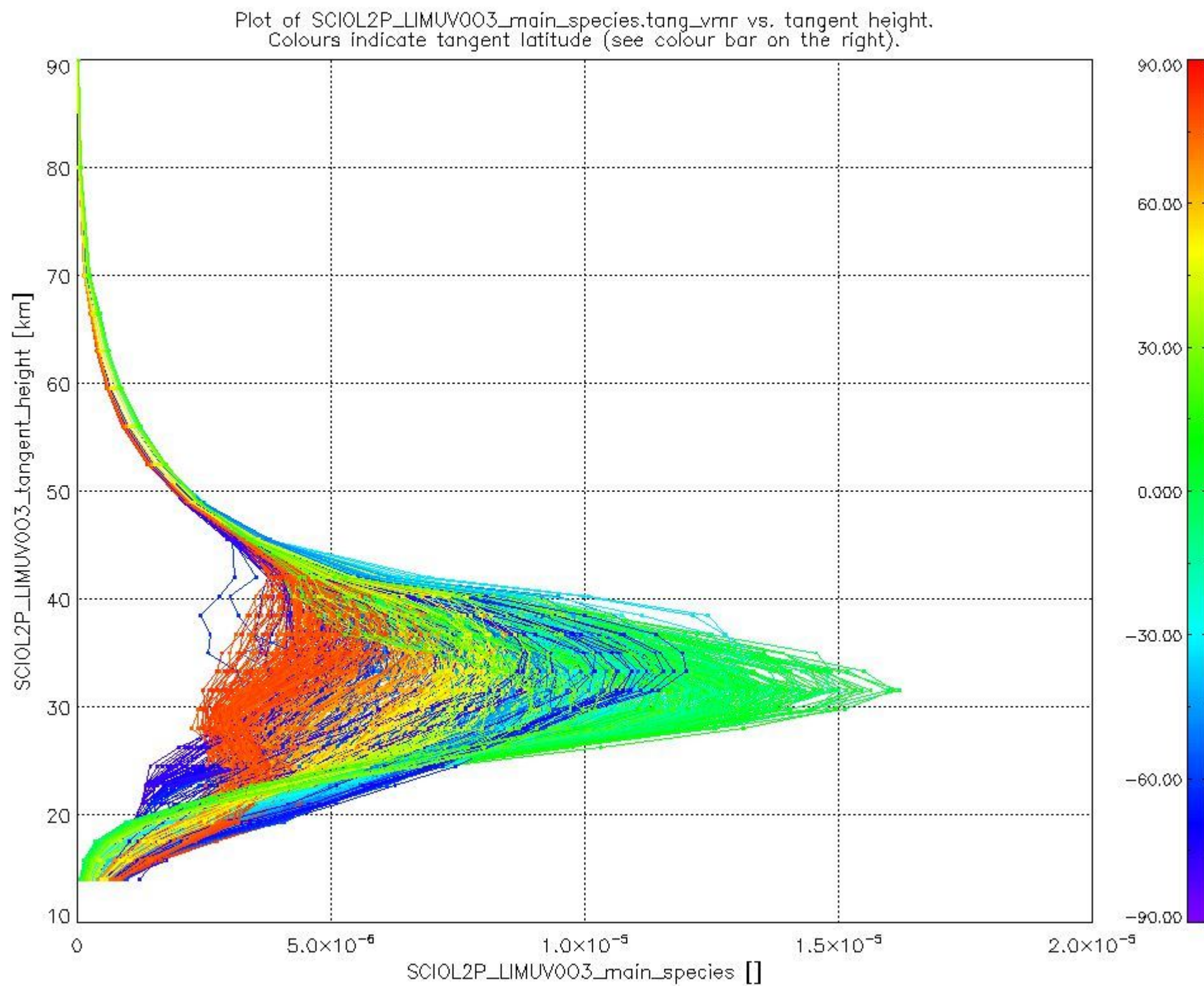
This section shows information about product quality of the limb retrievals, in particular the quality of retrieved species.

The following data items are currently included into this section:

Number	Data item ID
0	SCIDL2P_LIMUV003_main_species
1	SCIDL2P_LIMUV1NO2_main_species
2	SCIDL2P_LIMUV3BRO_main_species

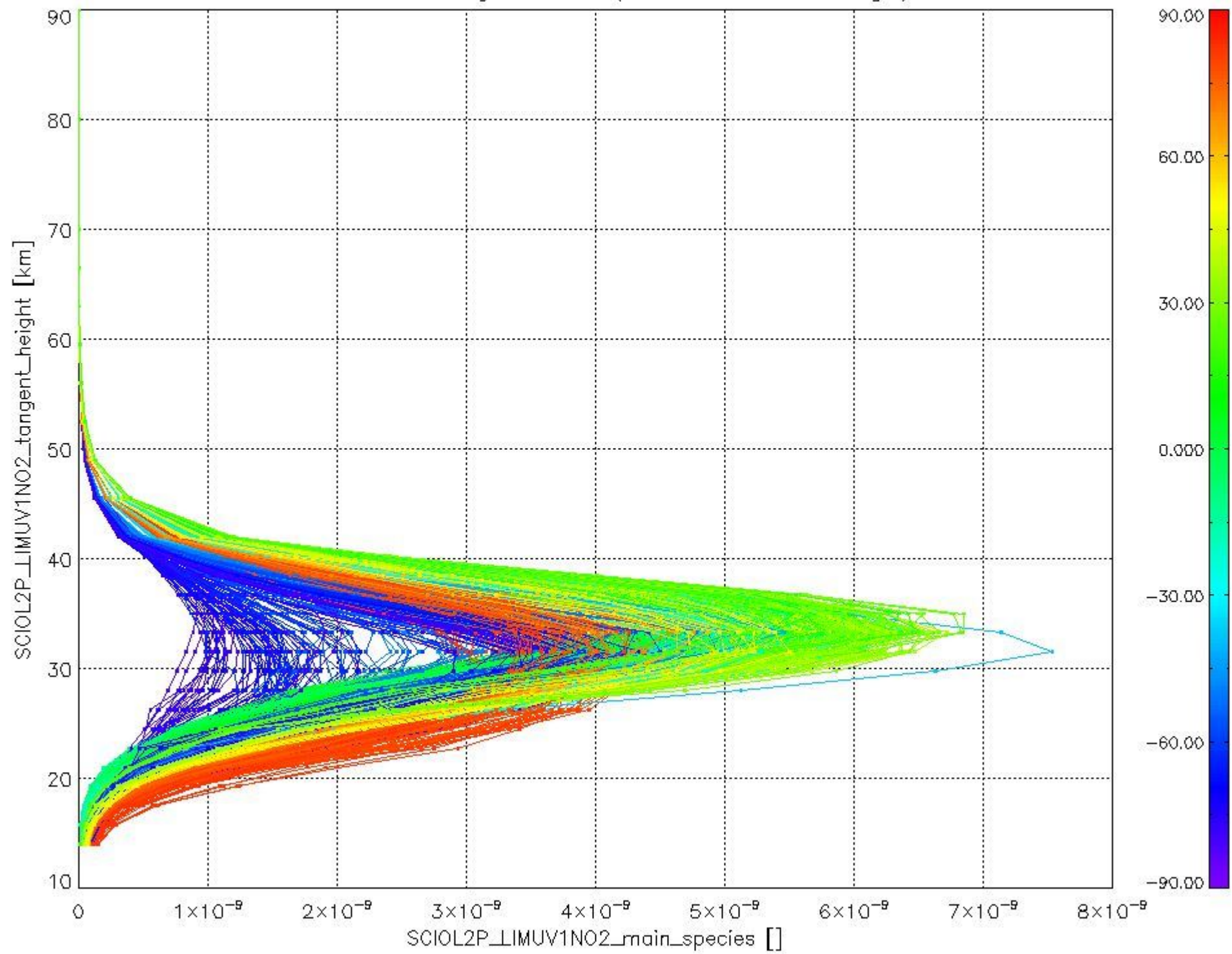
The following plots show for each species the tangent volume mixing ratio vs. tangent height. Colours indicate tangent latitude.

### 2.2.3.1 O3 (UV0)



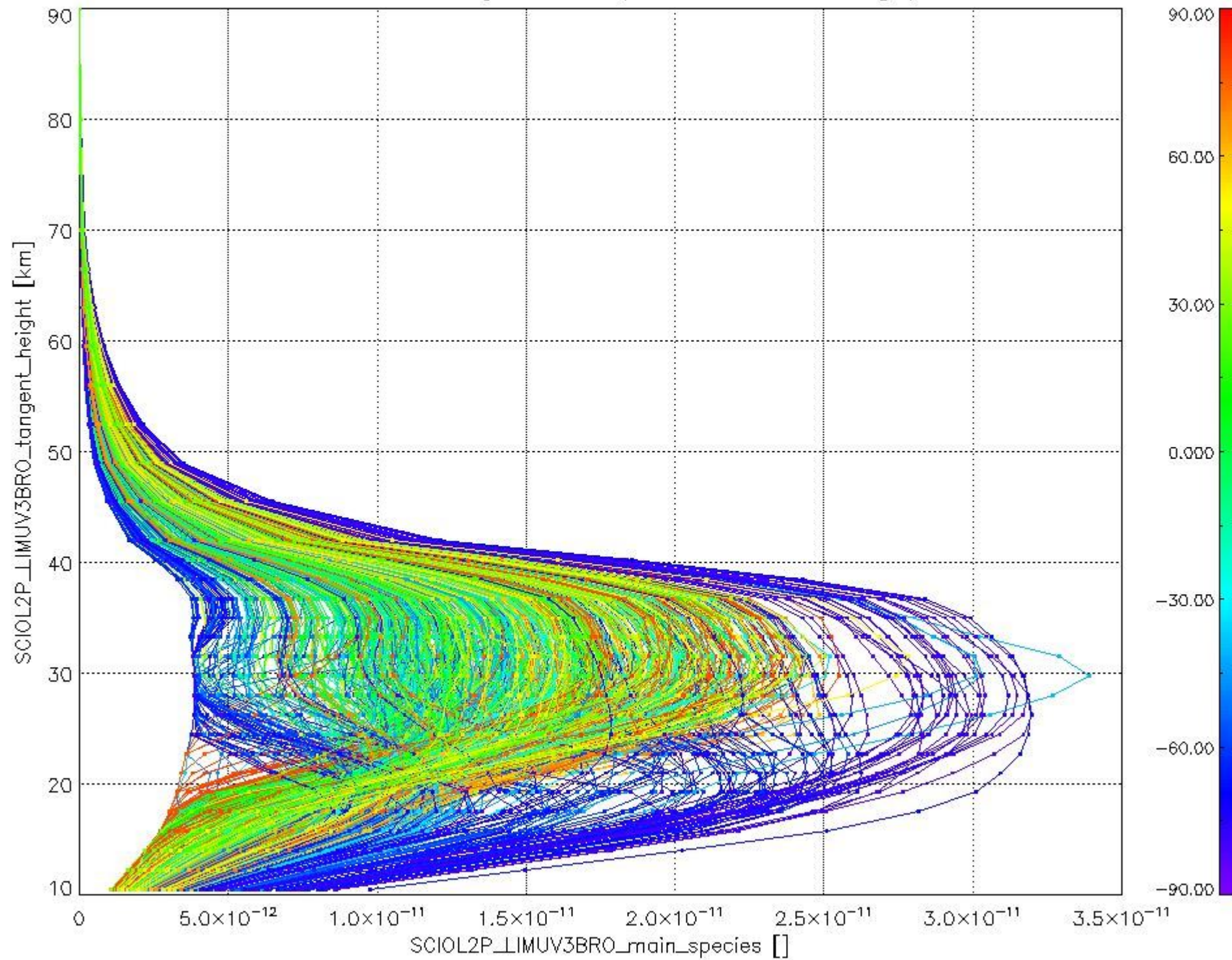
### 2.2.3.2 NO2 (UV1)

Plot of SCIOL2P\_LIMUV1NO2\_main\_species.tang\_vmr vs. tangent height.  
 Colours indicate tangent latitude (see colour bar on the right).



2.2.3.3 BrO (UV3)

Plot of SCIOL2P\_LIMUV3BRO\_main\_species.tang\_vmr vs. tangent height.  
Colours indicate tangent latitude (see colour bar on the right).

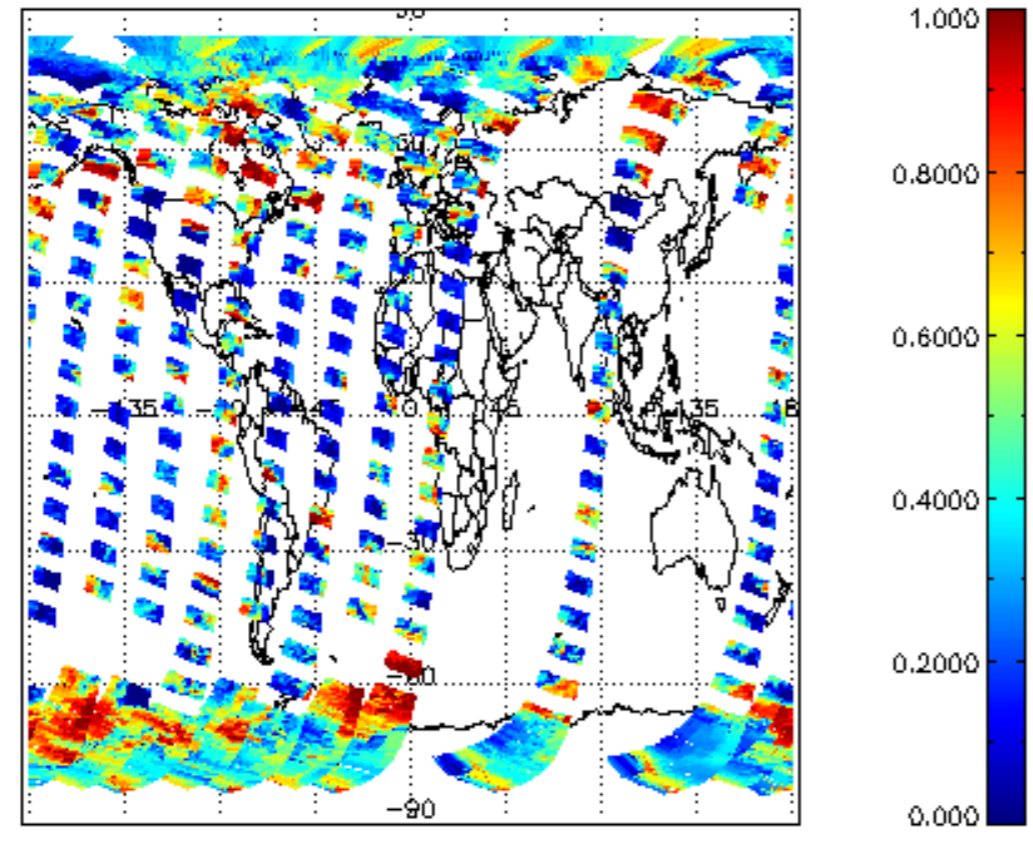


### 2.3 ADF monitoring

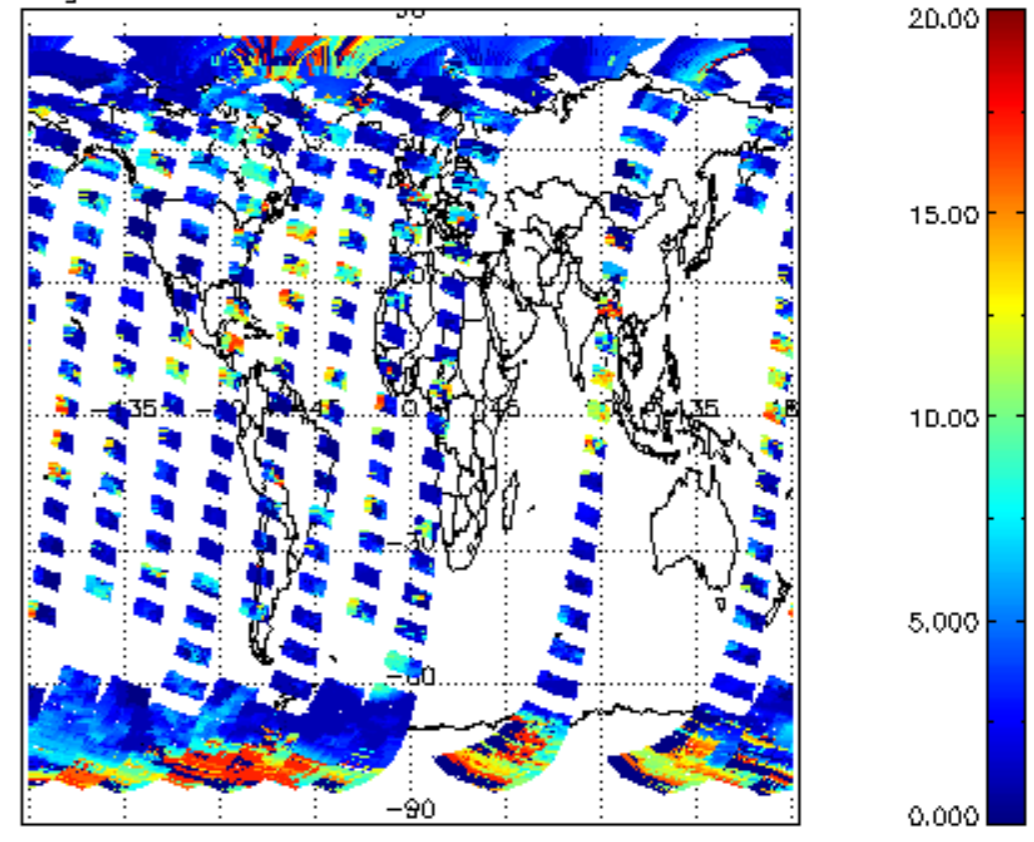
Number	ADF
	<b>IN_ (INITIALISATION_FILE)</b>
0	SCI_IN_AXNPDE20110201_120000_20020301_000000_20991231_235959
	<b>ECF (ECMWF_FILE)</b>
1	NOT USED
	<b>MF1 (M_FACTOR_FILE)</b>
2	SCI_MF1_AXNIEC20100218_134757_20020920_152127_20020922_152127
3	SCI_MF1_AXNIEC20100218_134859_20020921_163026_20020923_163026



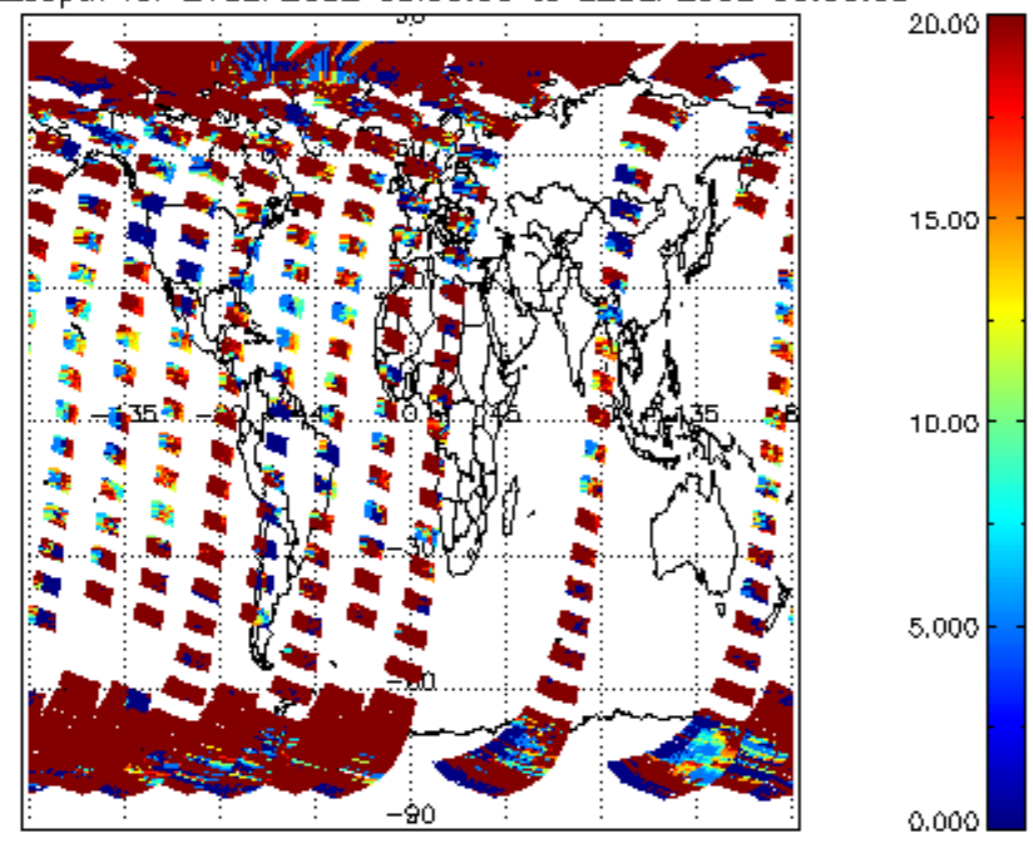
cl\_frac for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



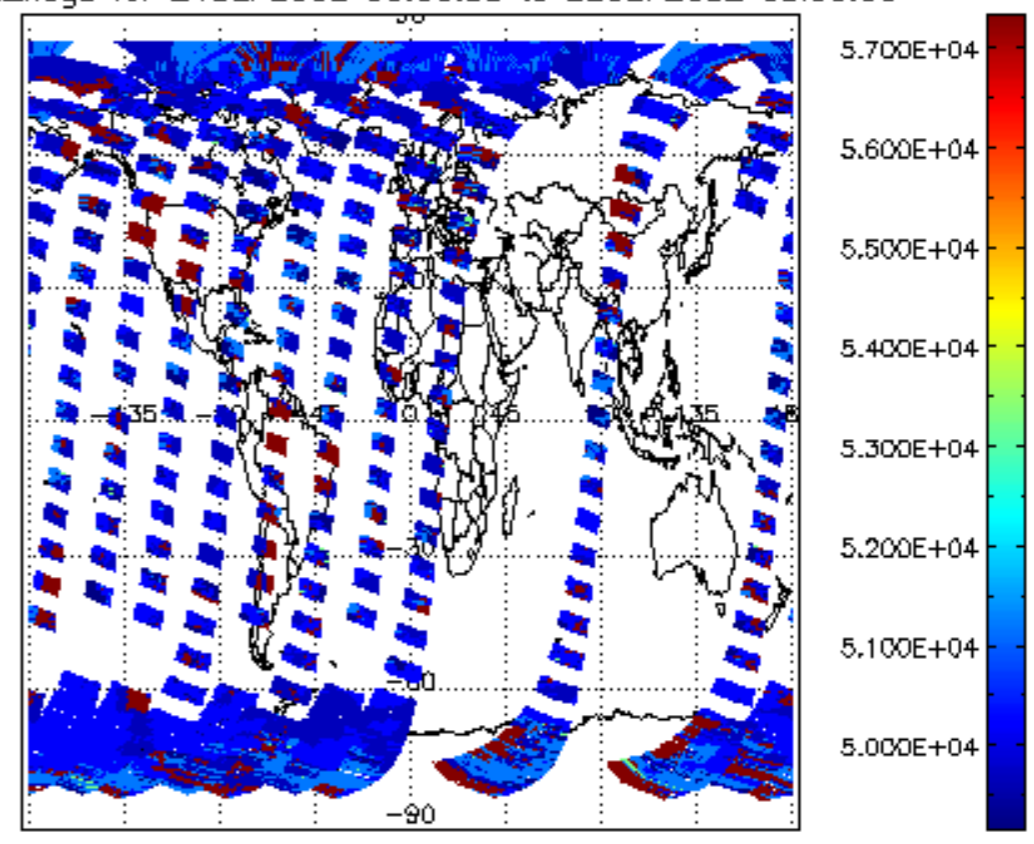
cl\_top\_height for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

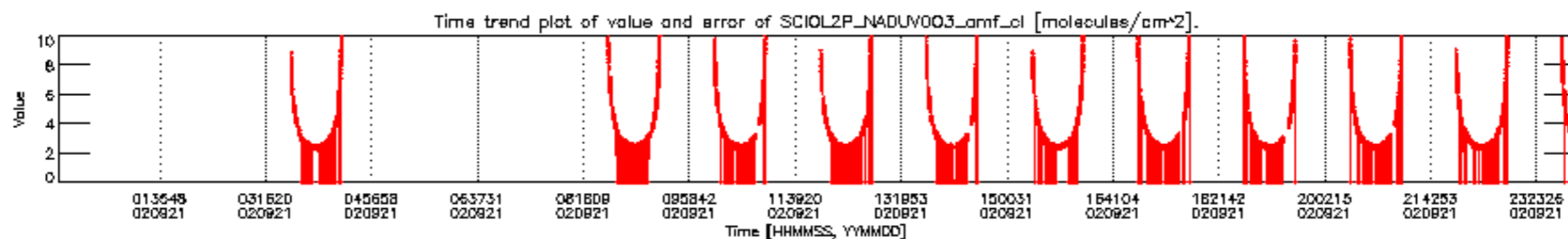
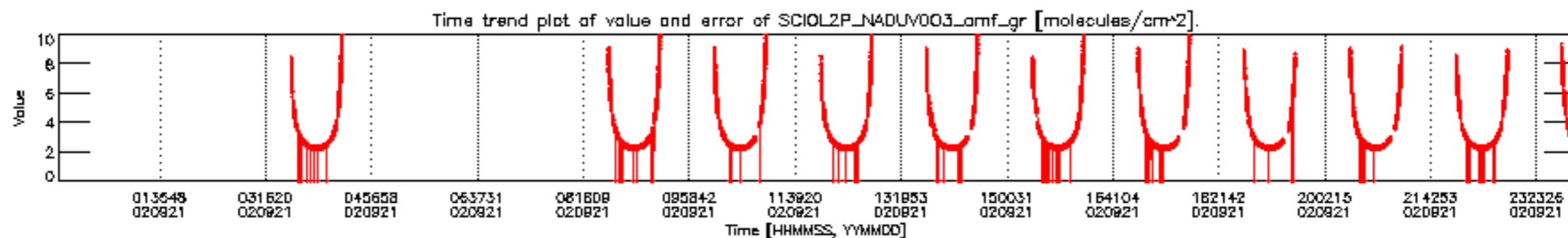
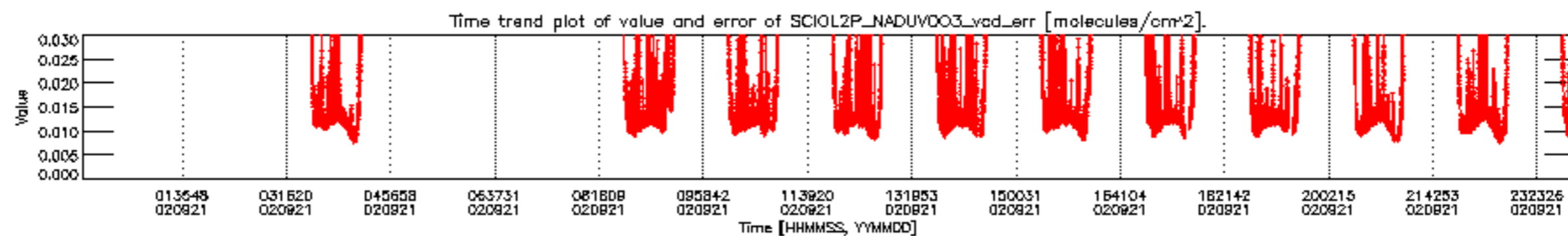
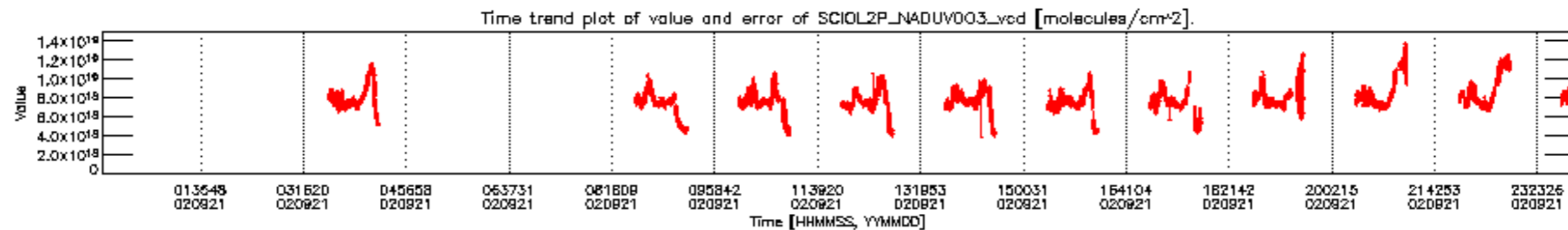


cl\_opt\_depth for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



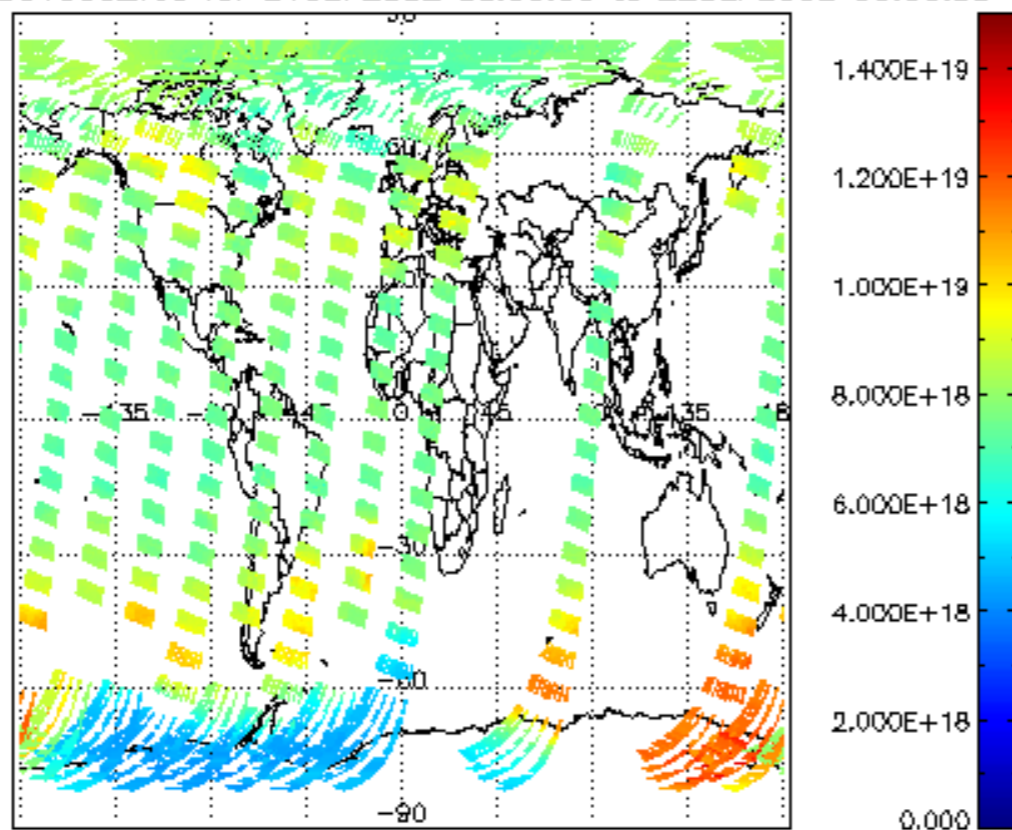
cloud\_flags for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



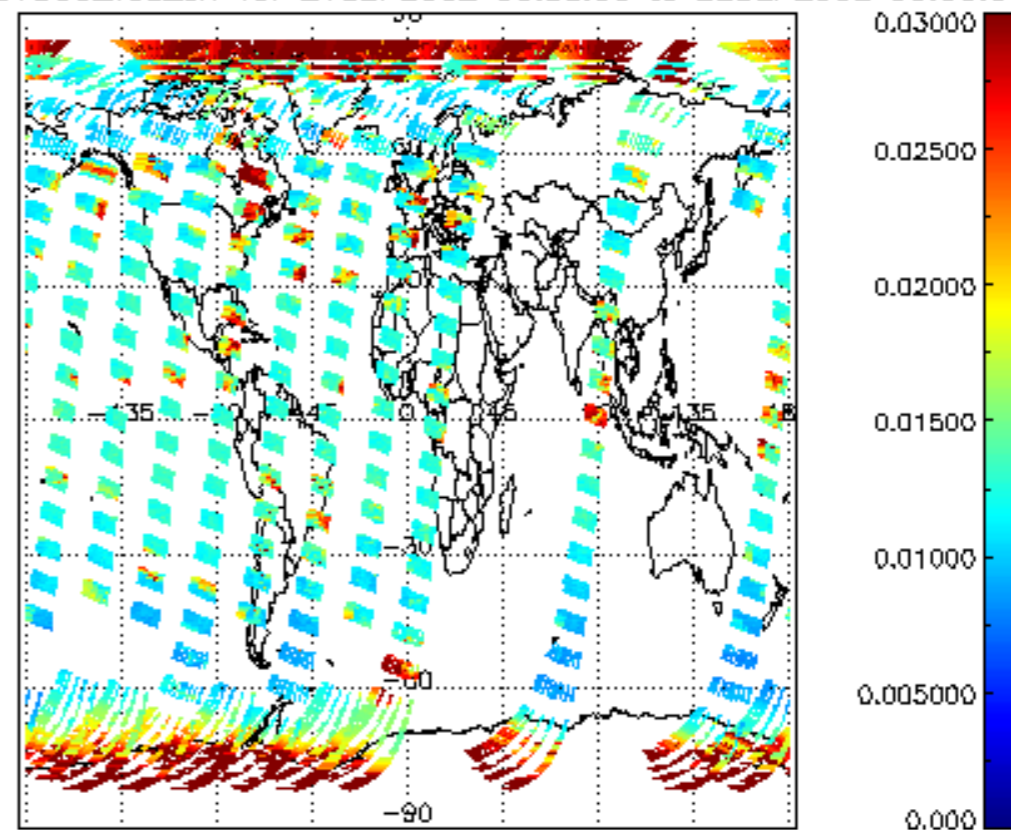




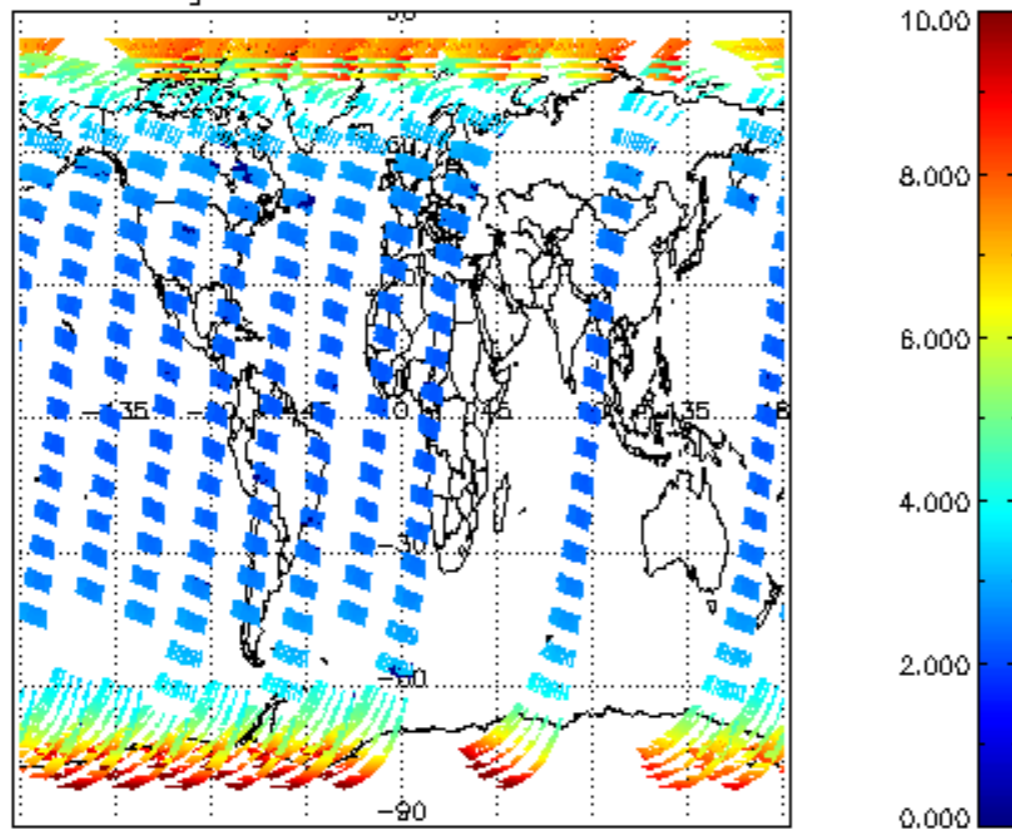
SCIOL2P\_NADUV003\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



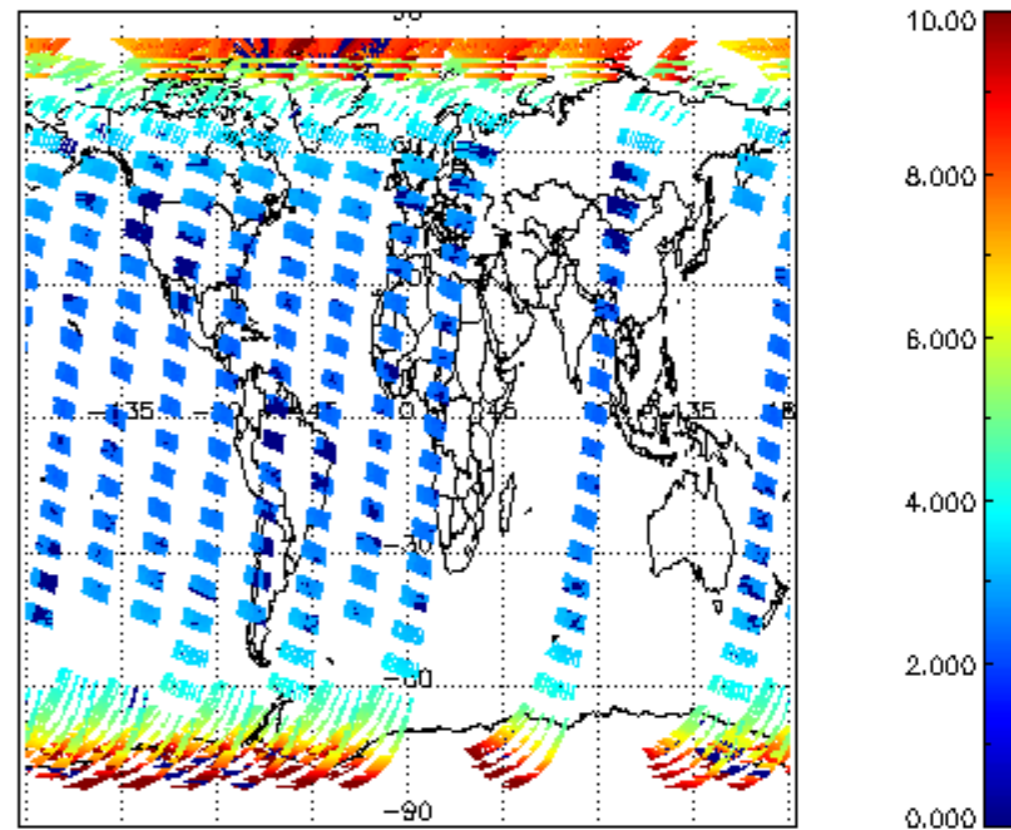
SCIOL2P\_NADUV003\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

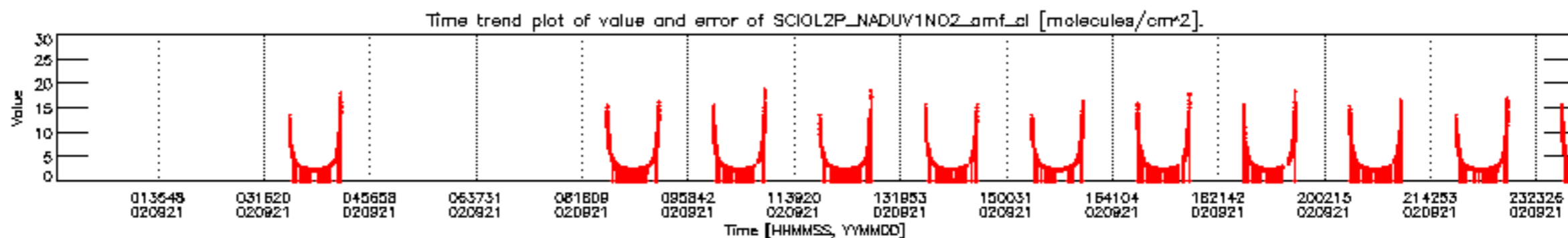
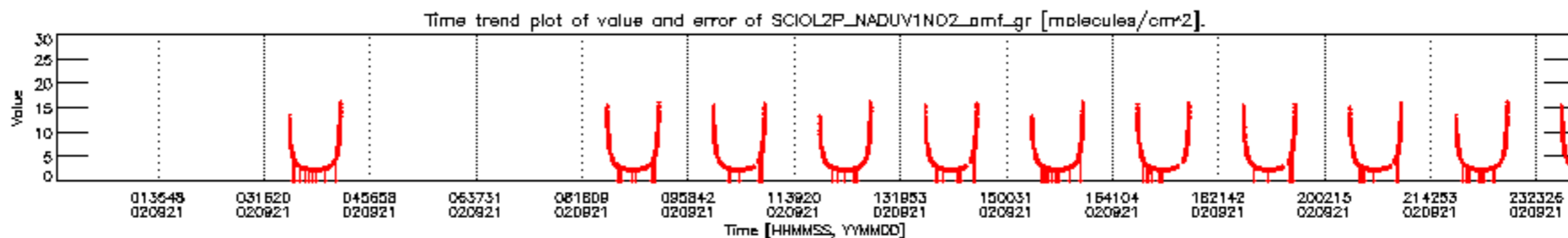
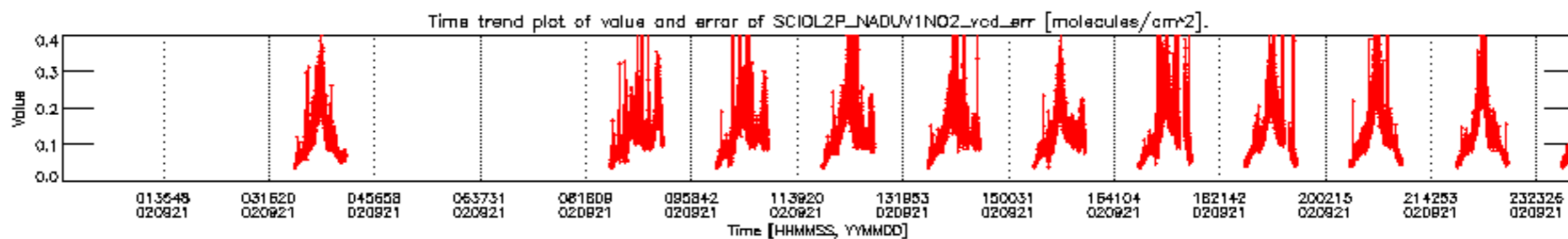
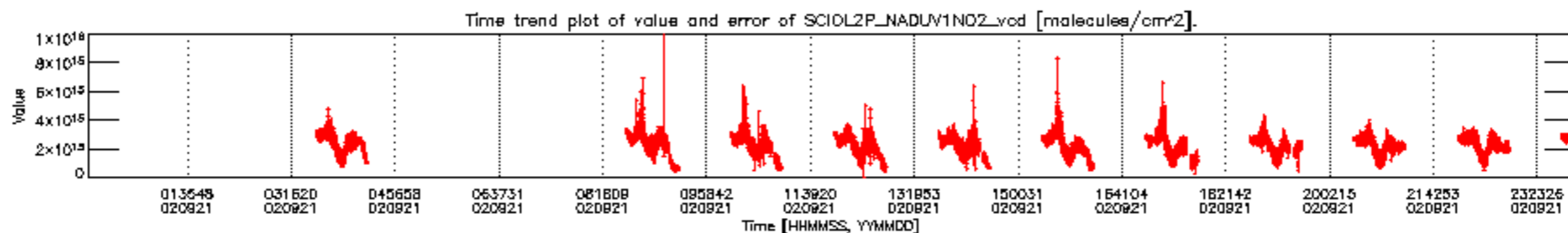


SCIOL2P\_NADUV003\_amf\_gr for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

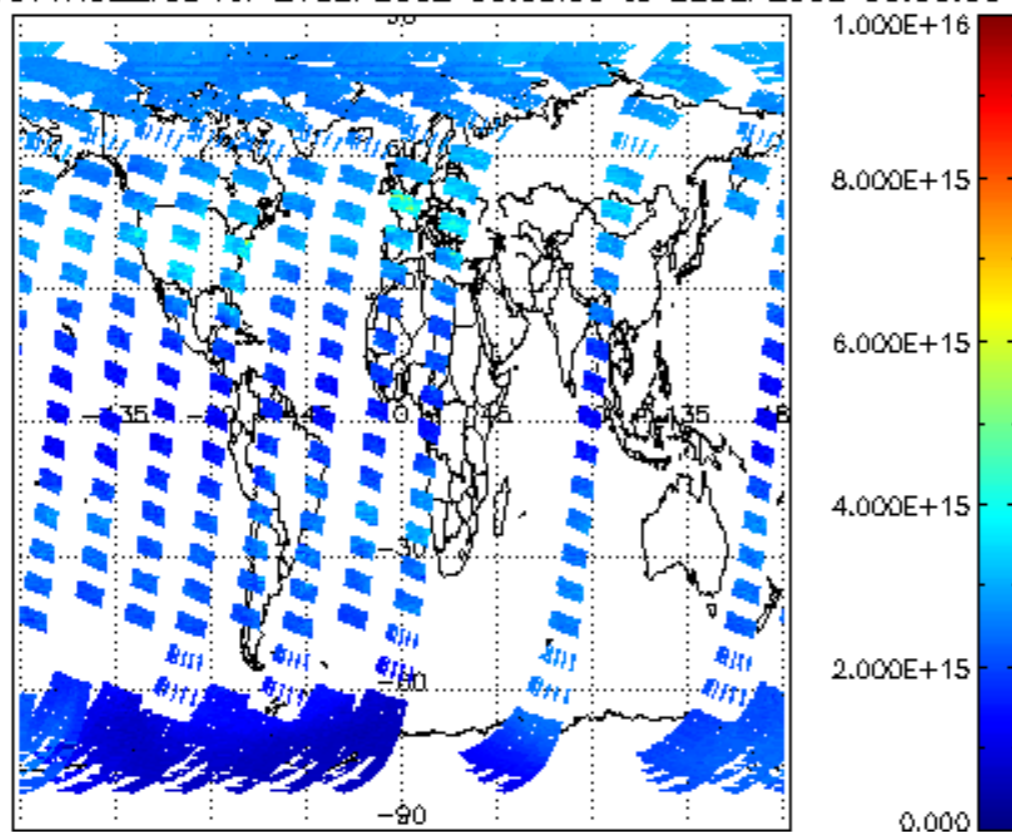


SCIOL2P\_NADUV003\_amf\_cl for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

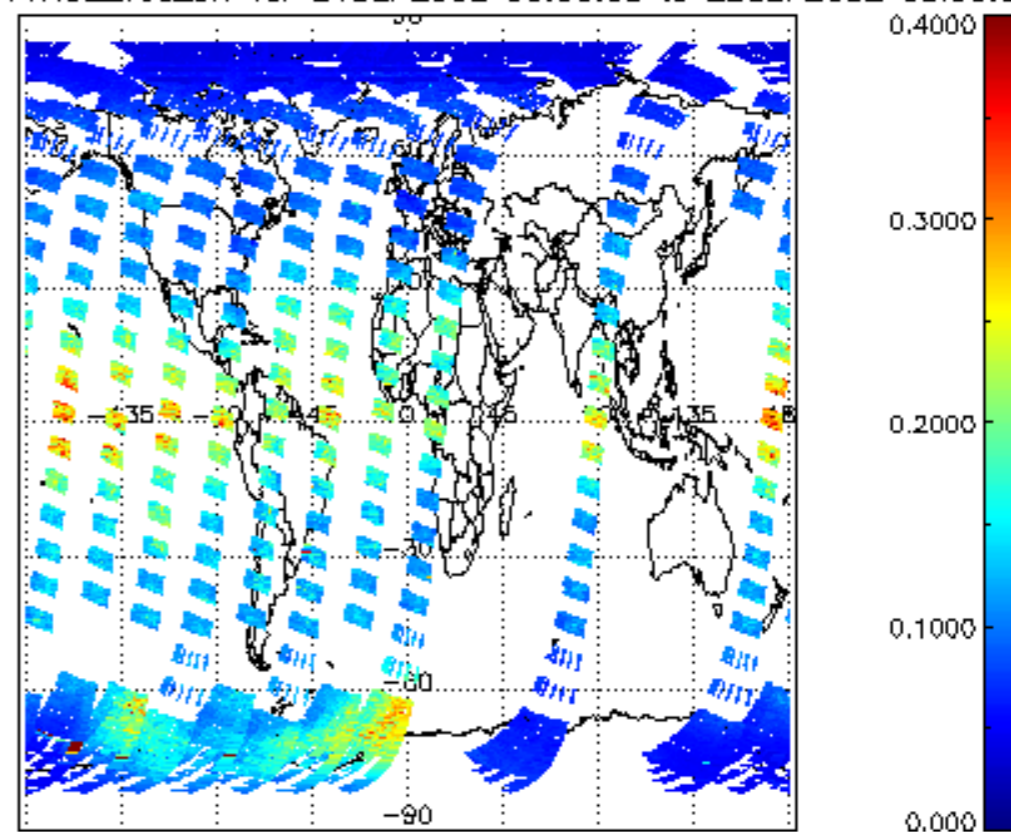




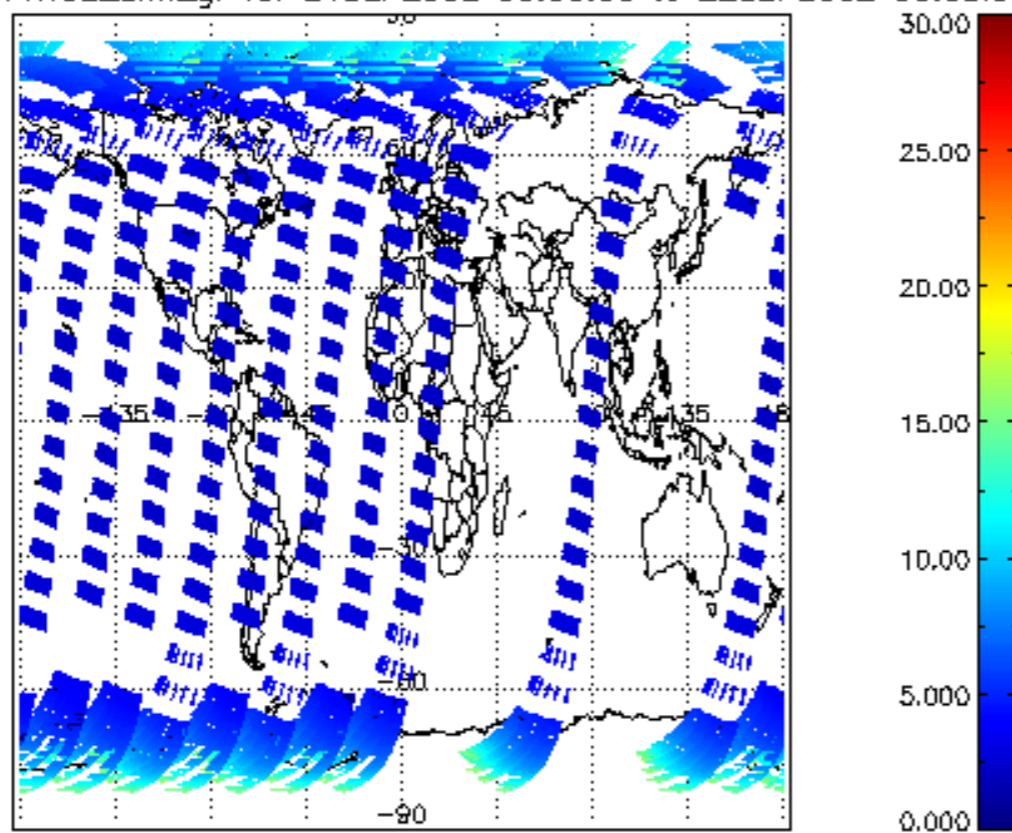
SCIOL2P\_NADUV1NO2\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



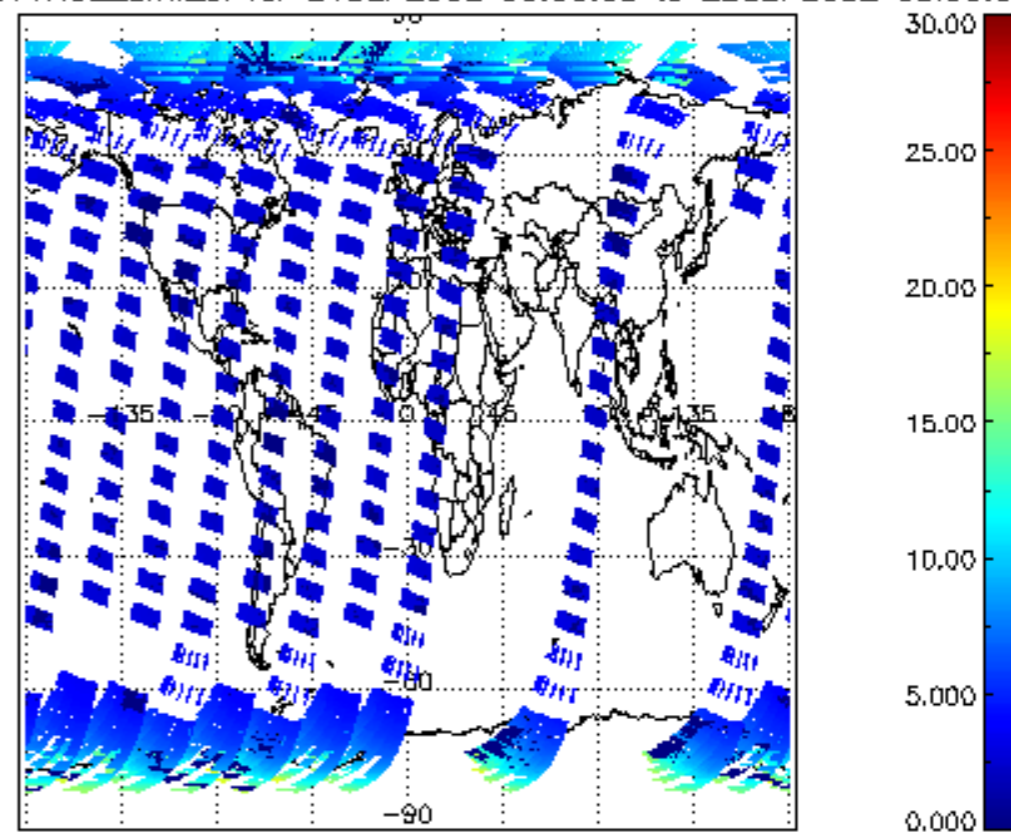
iCIOL2P\_NADUV1NO2\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



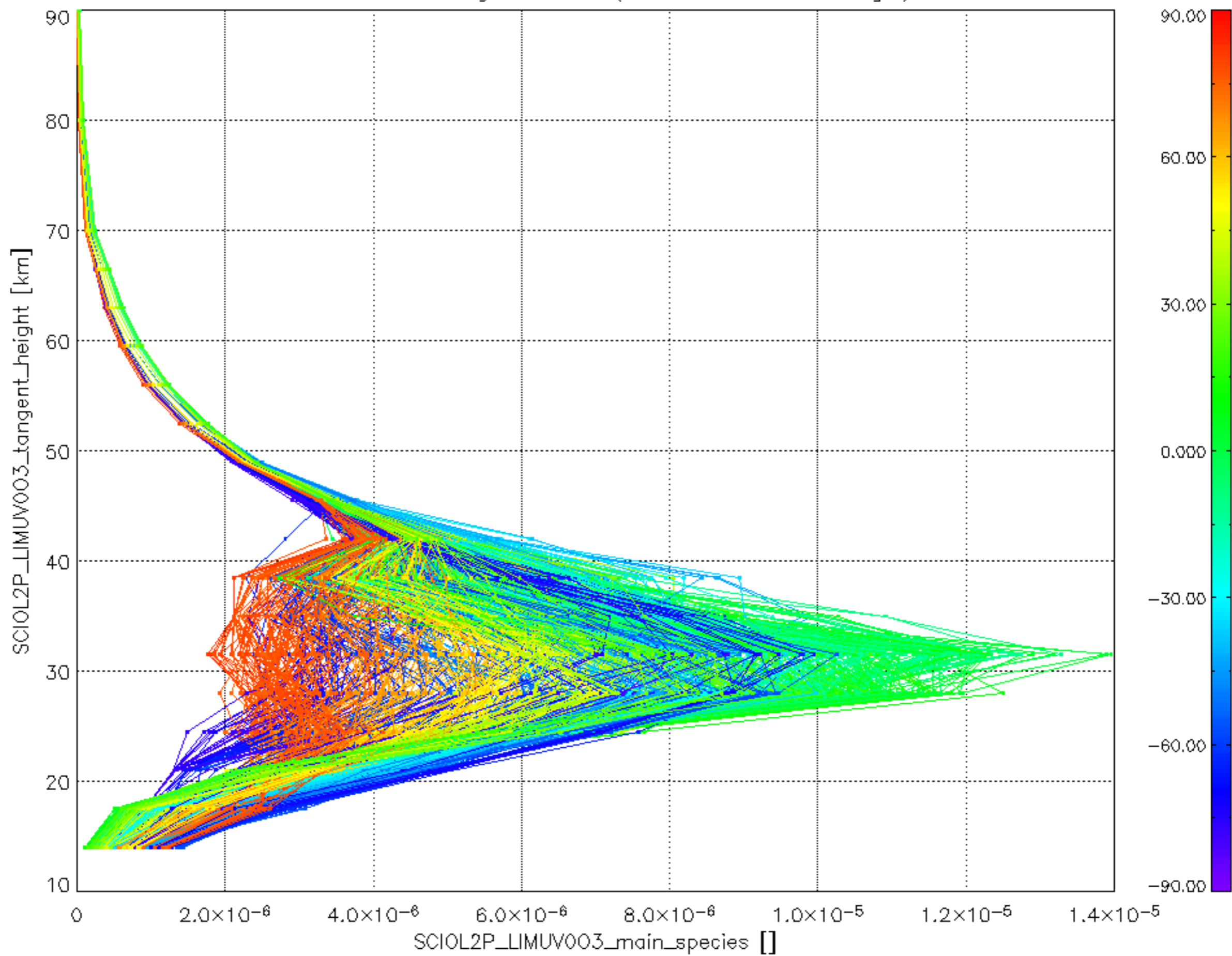
iCIOL2P\_NADUV1NO2\_amf\_gr for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



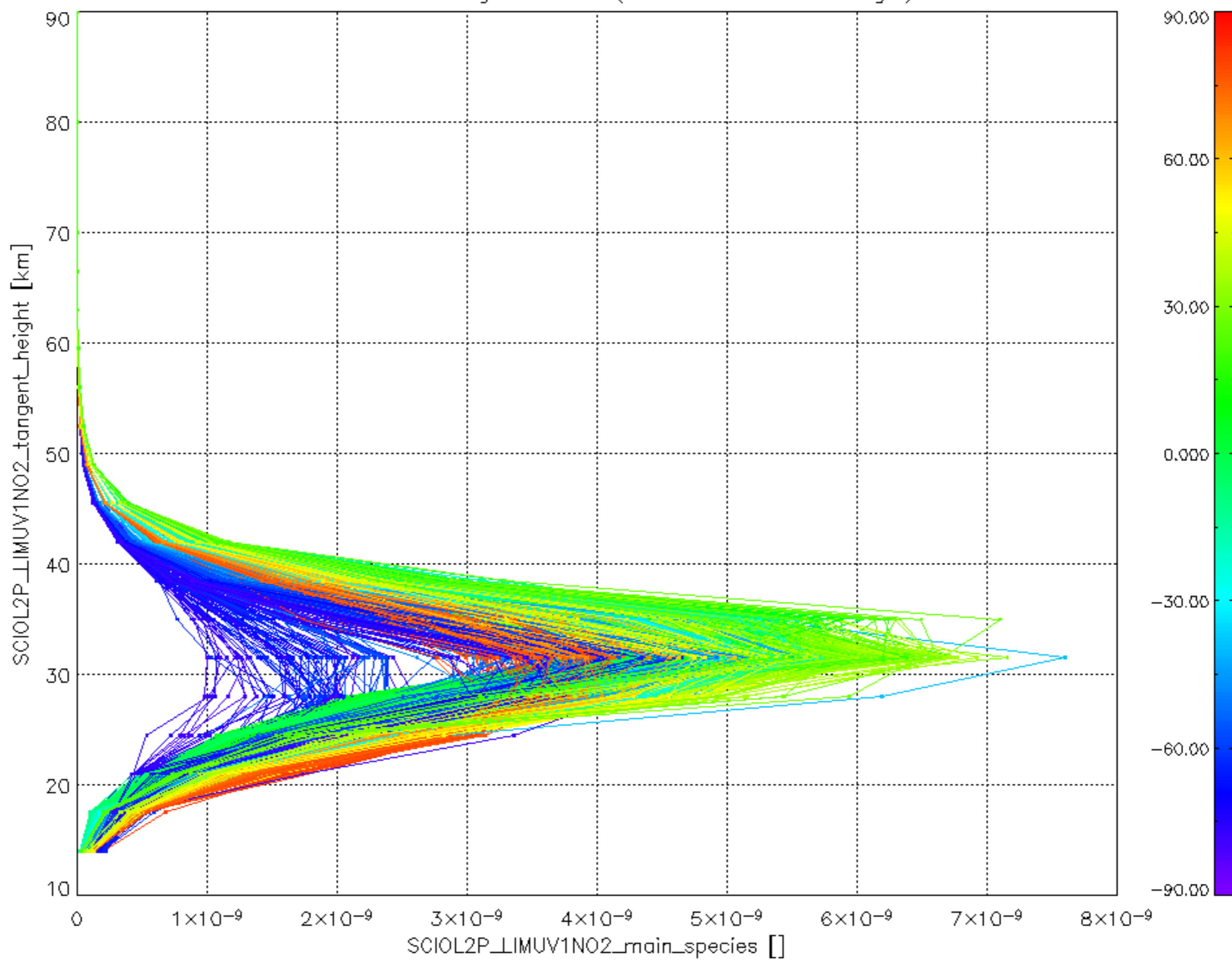
iCIOL2P\_NADUV1NO2\_amf\_cl for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



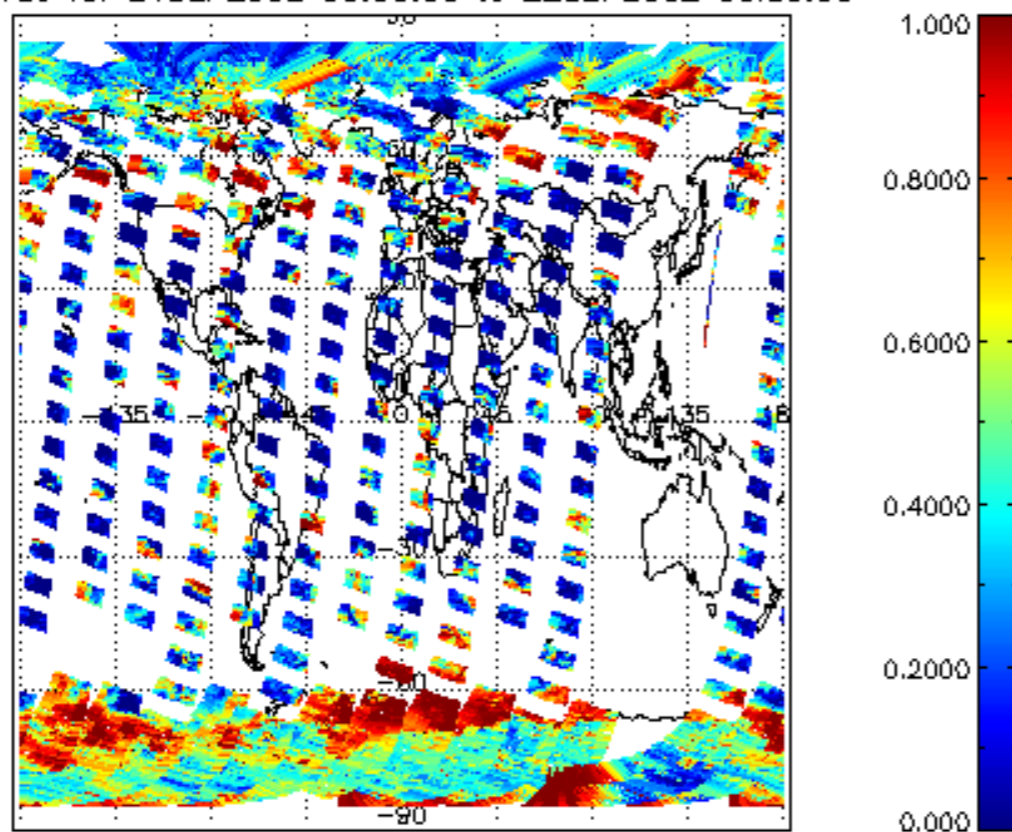
Plot of SCIOL2P\_LIMUV003\_main\_species.tang\_vmr vs. tangent height.  
 Colours indicate tangent latitude (see colour bar on the right).



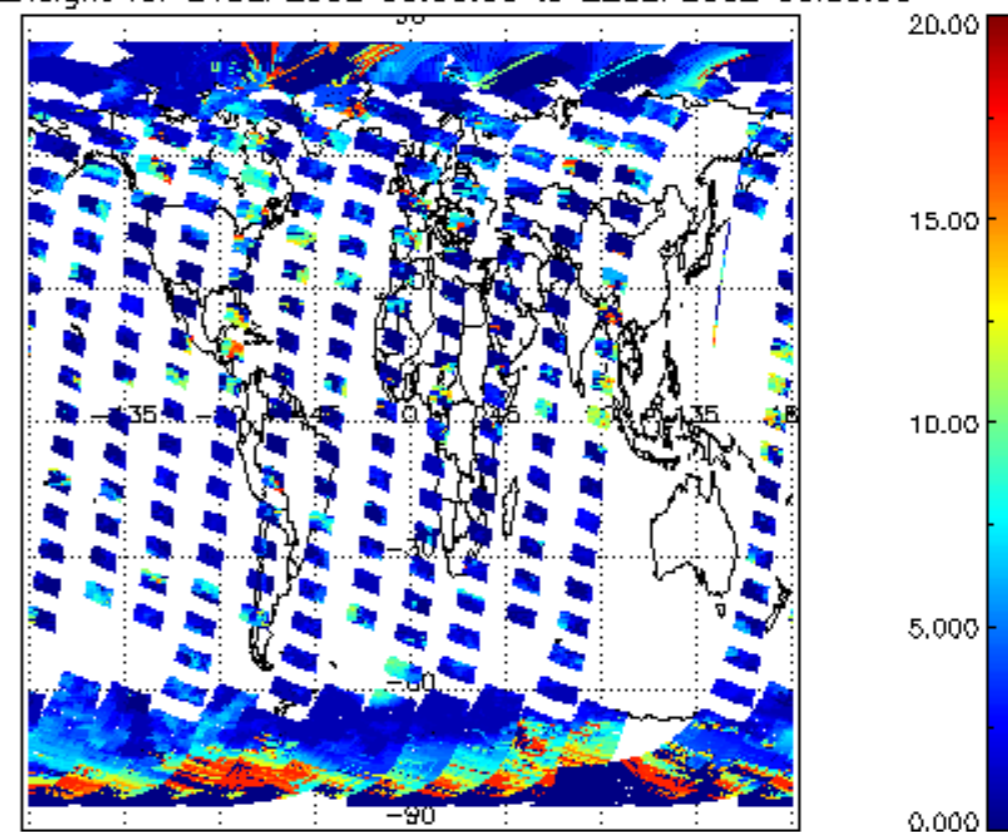
Plot of SCIOL2P\_LIMUV1NO2\_main\_species.tang\_vmr vs. tangent height.  
 Colours indicate tangent latitude (see colour bar on the right).



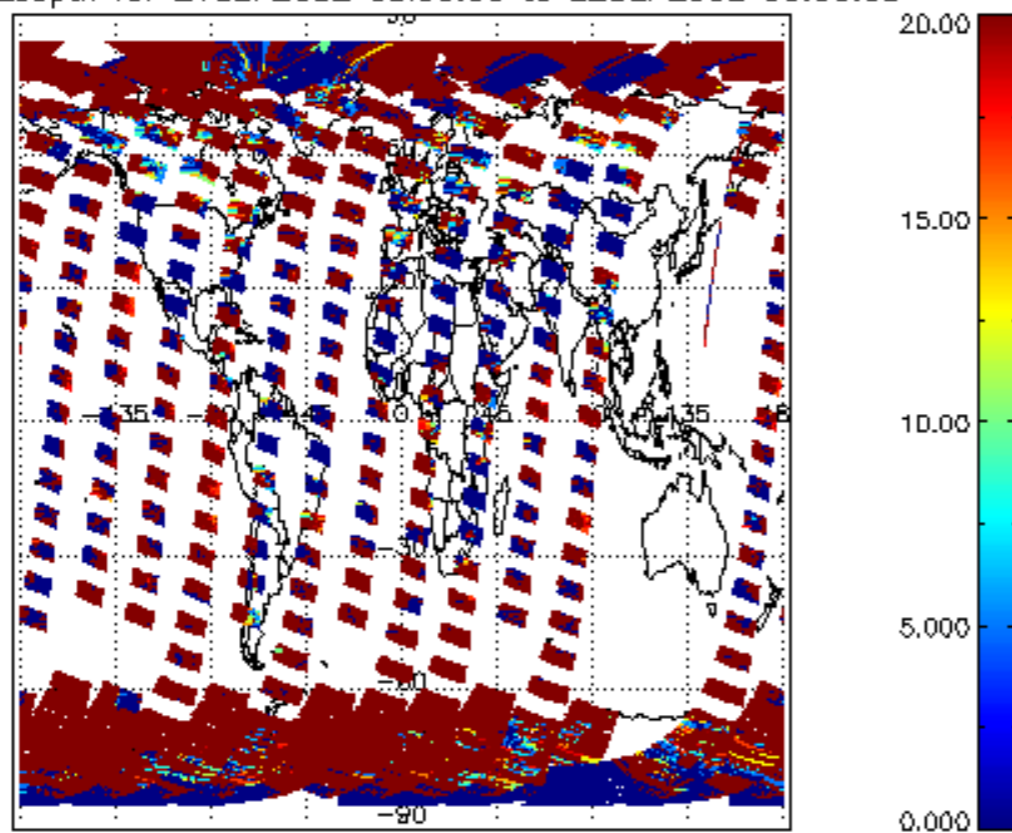
cl\_frac for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



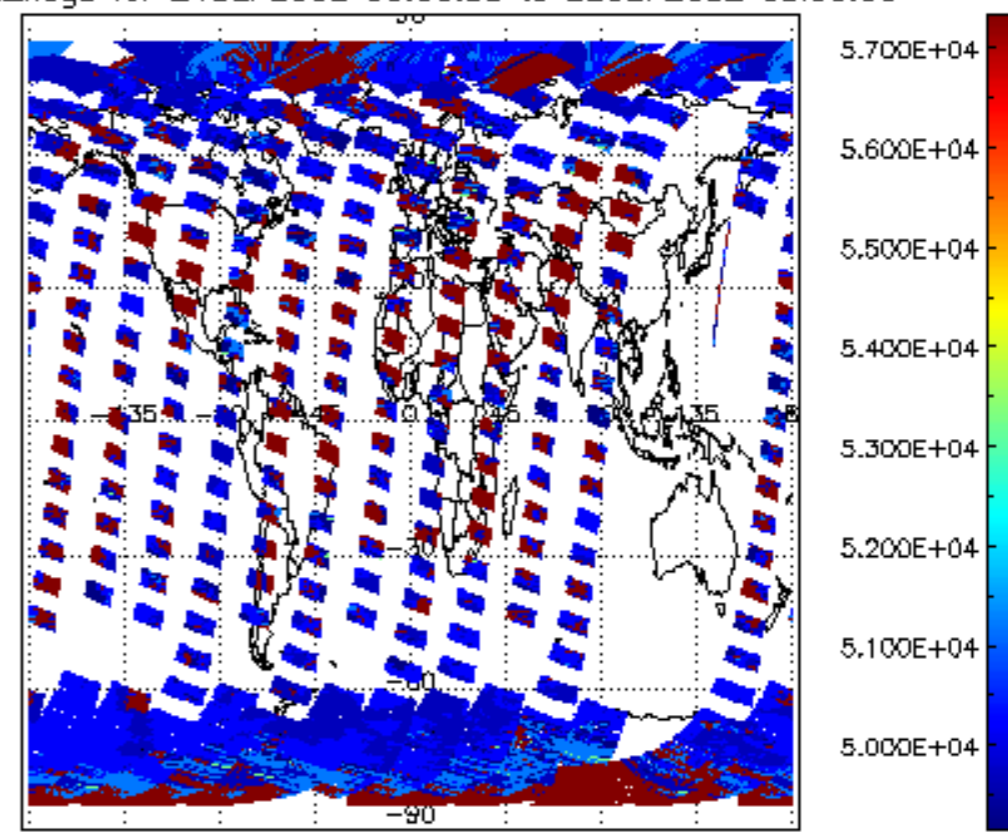
cl\_top\_height for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

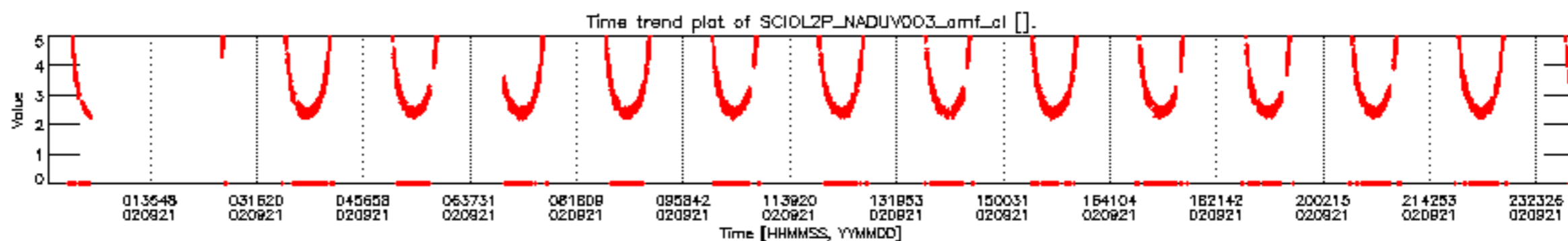
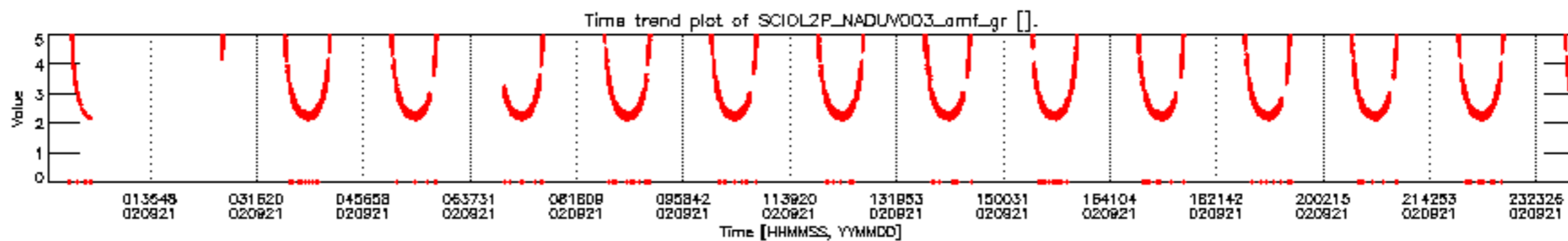
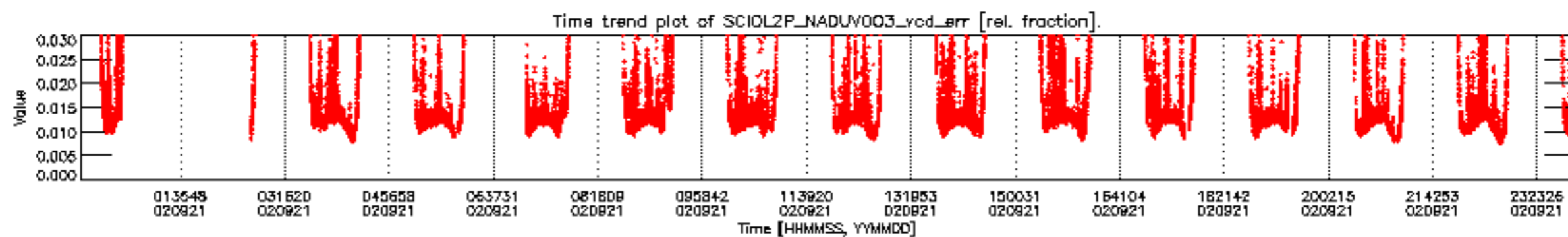
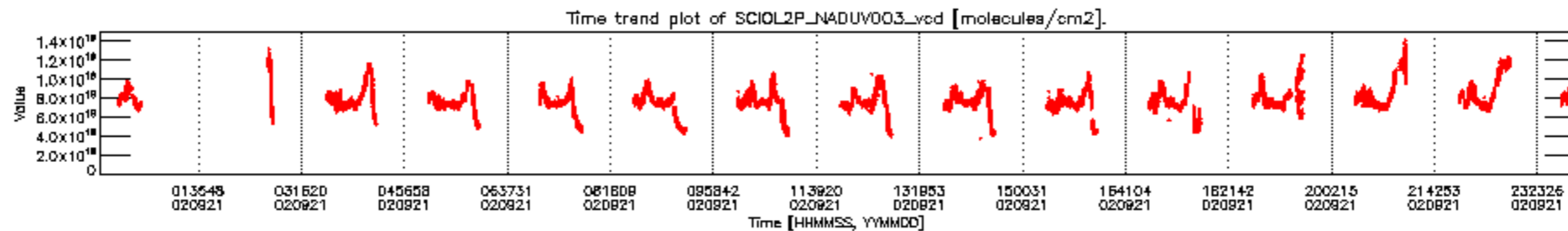


cl\_opt\_depth for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

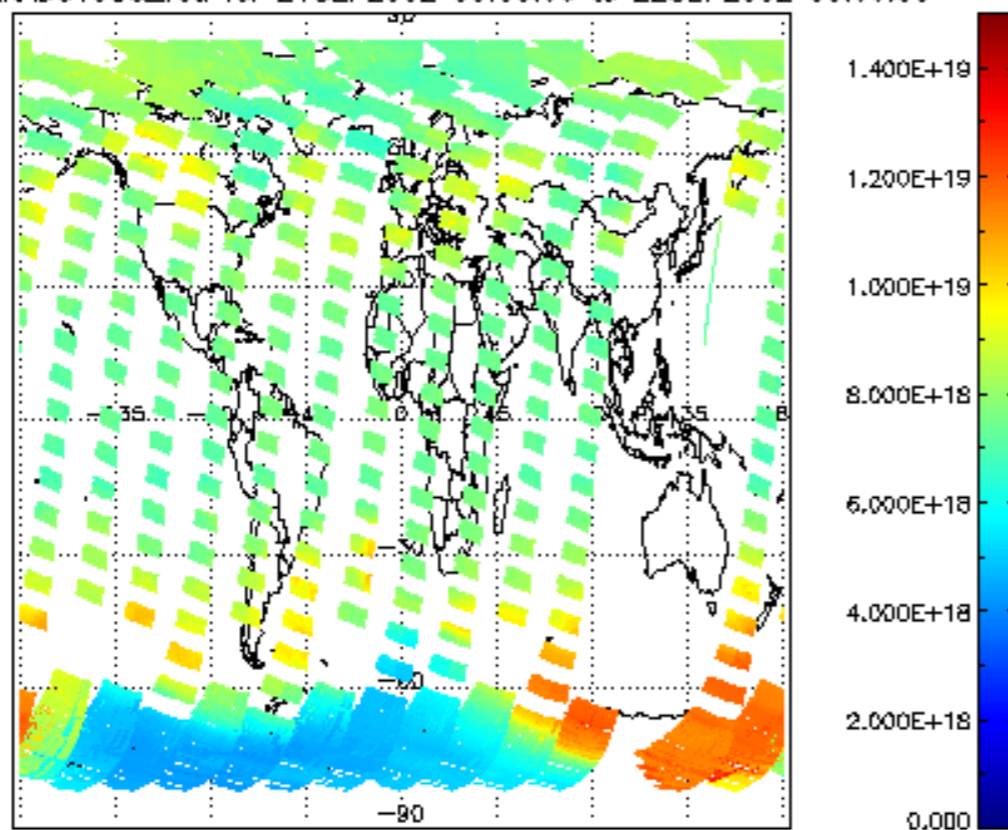


cloud\_flags for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

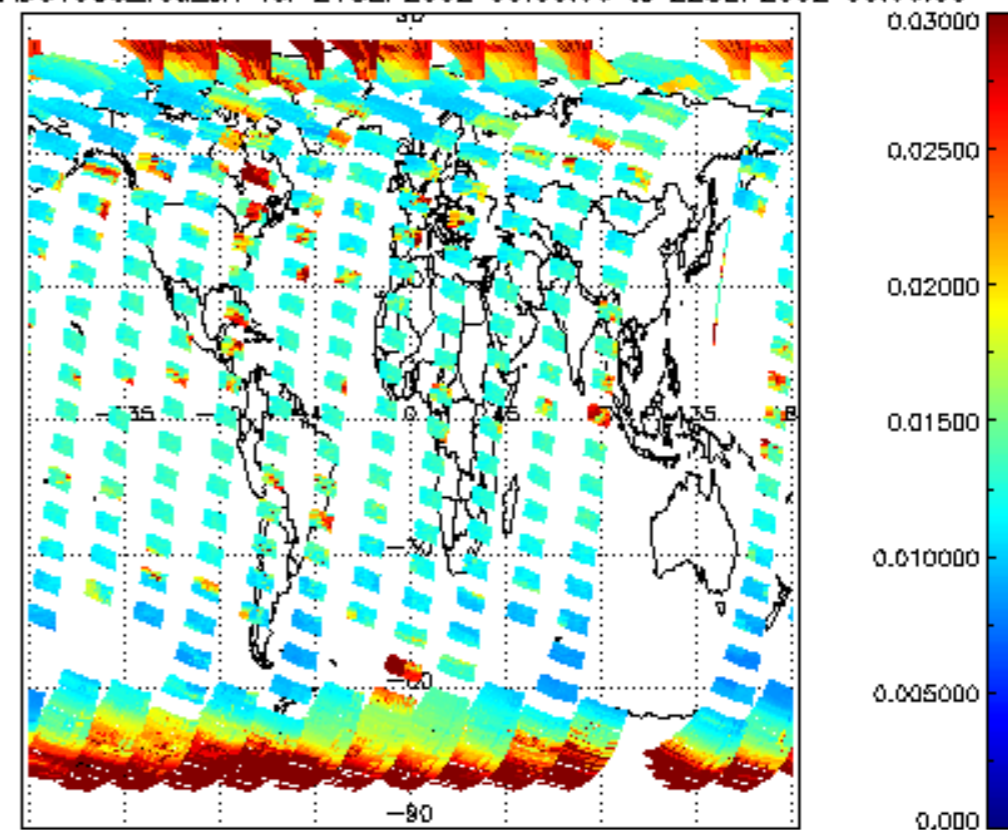




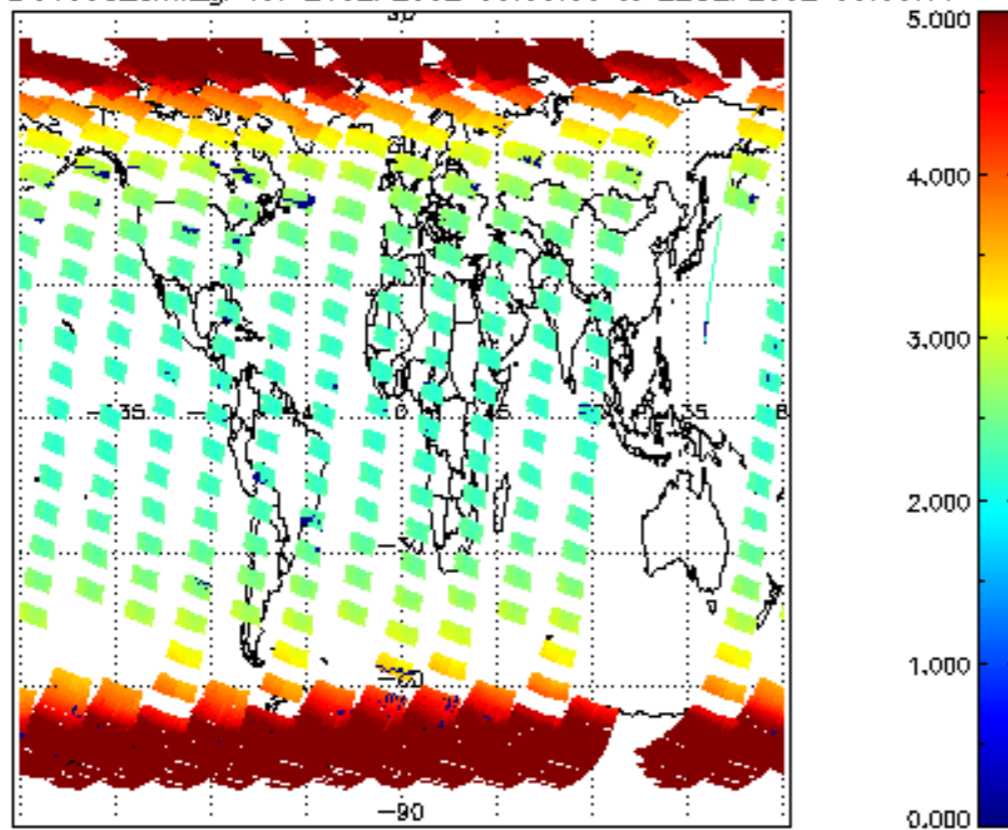
SCIOL2P\_NADUV003\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



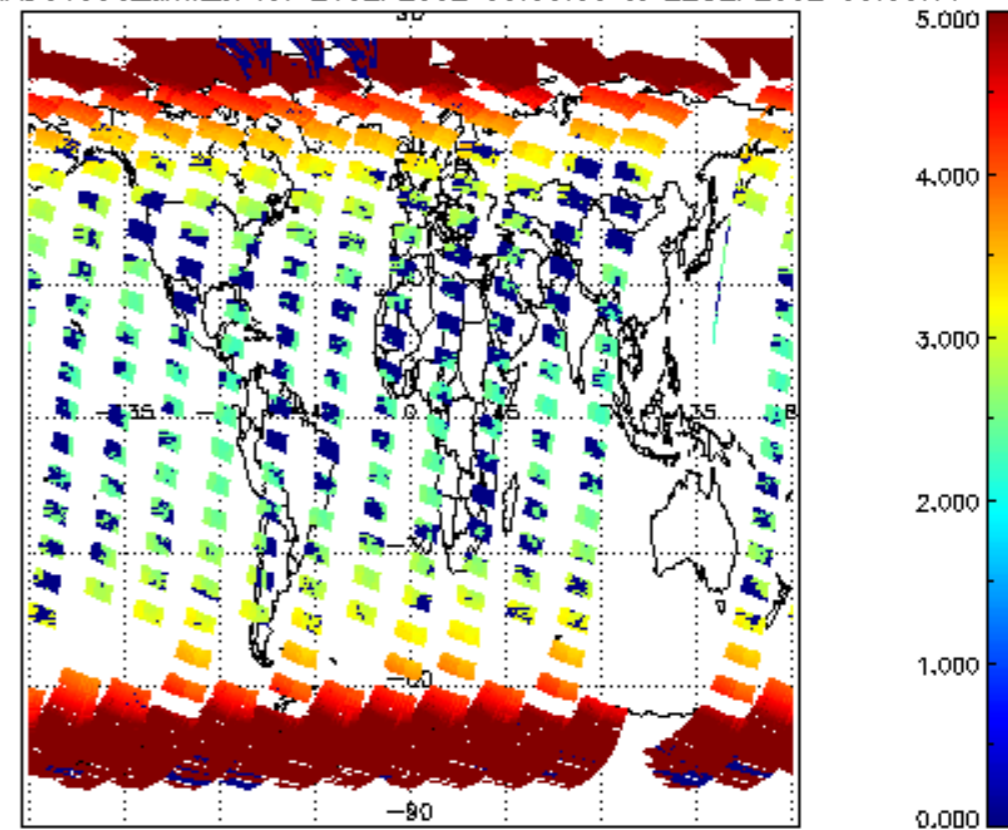
SCIOL2P\_NADUV003\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



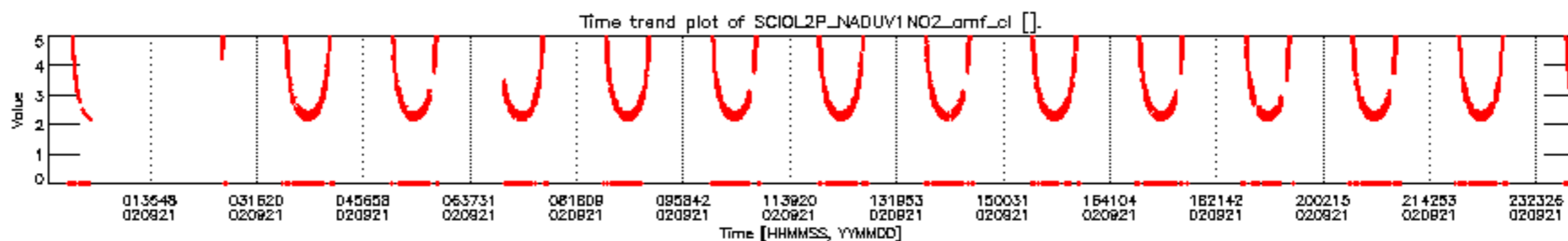
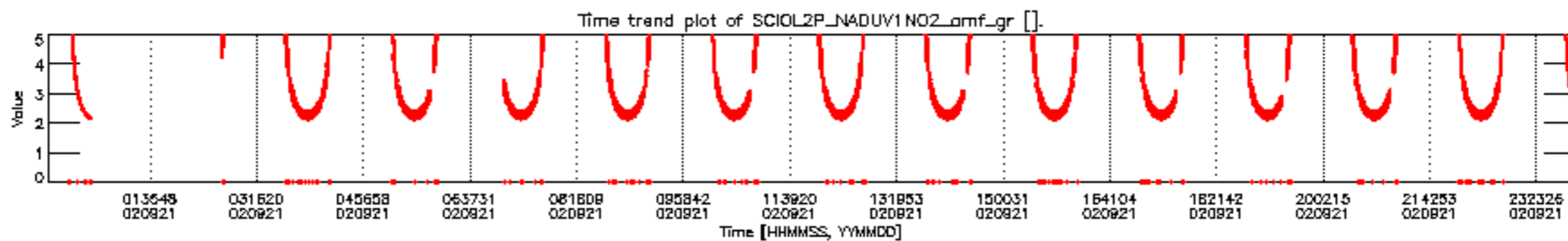
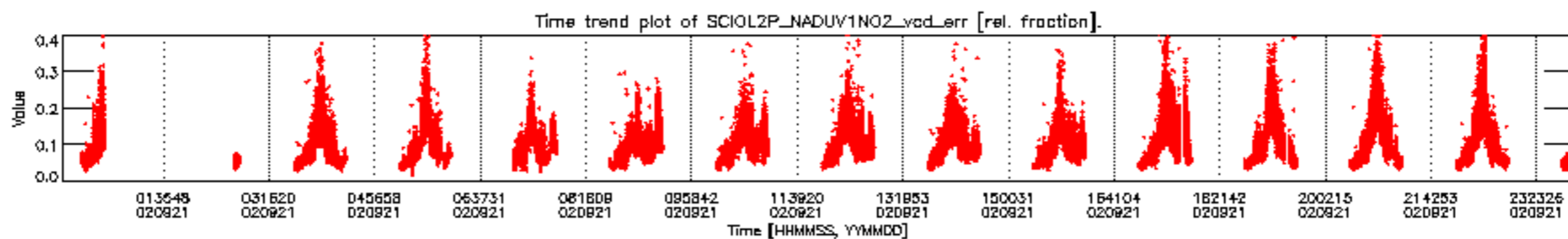
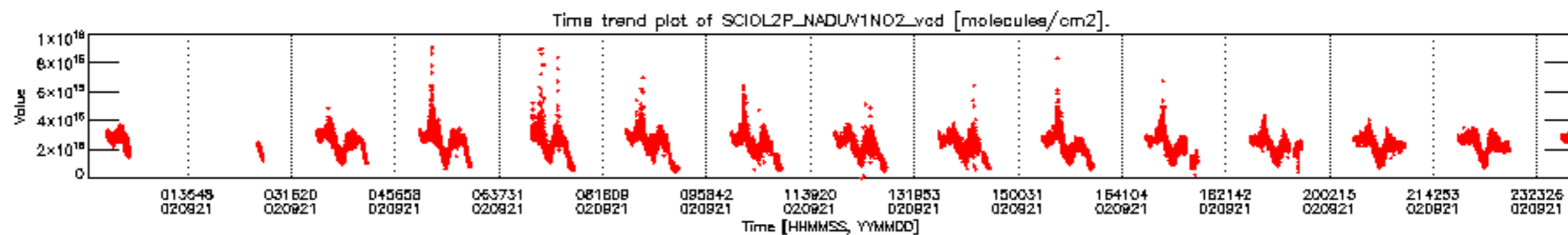
SCIOL2P\_NADUV003\_amf\_gr for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



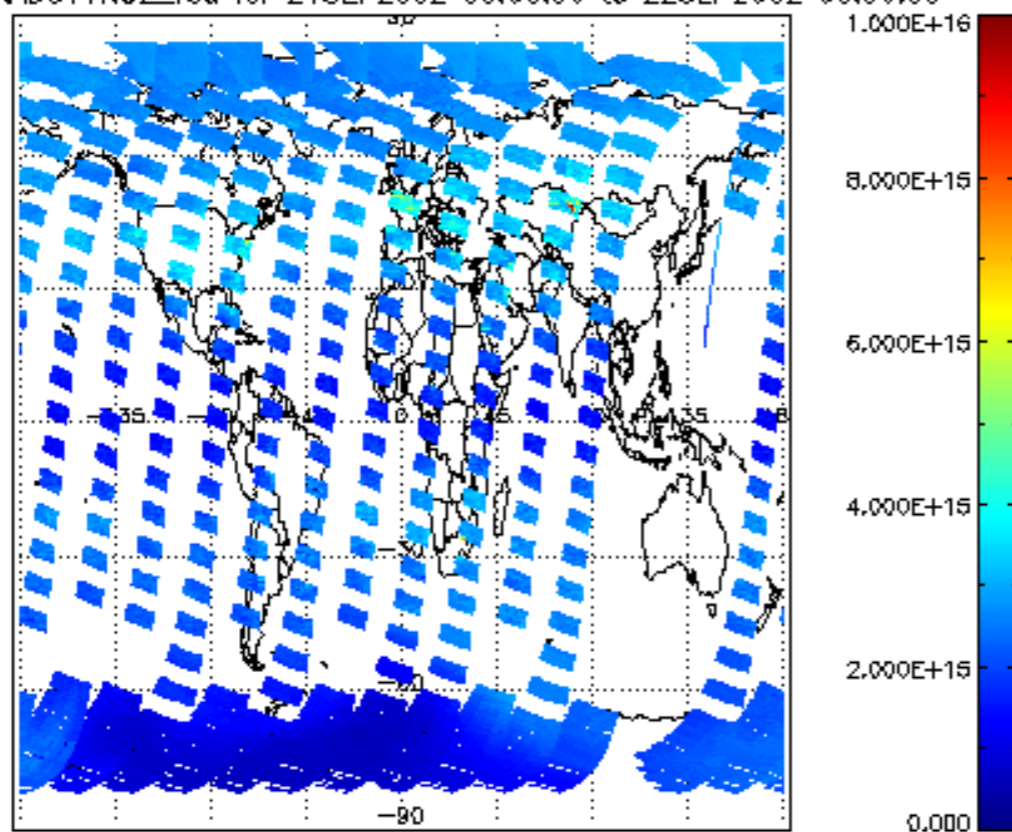
SCIOL2P\_NADUV003\_amf\_cl for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



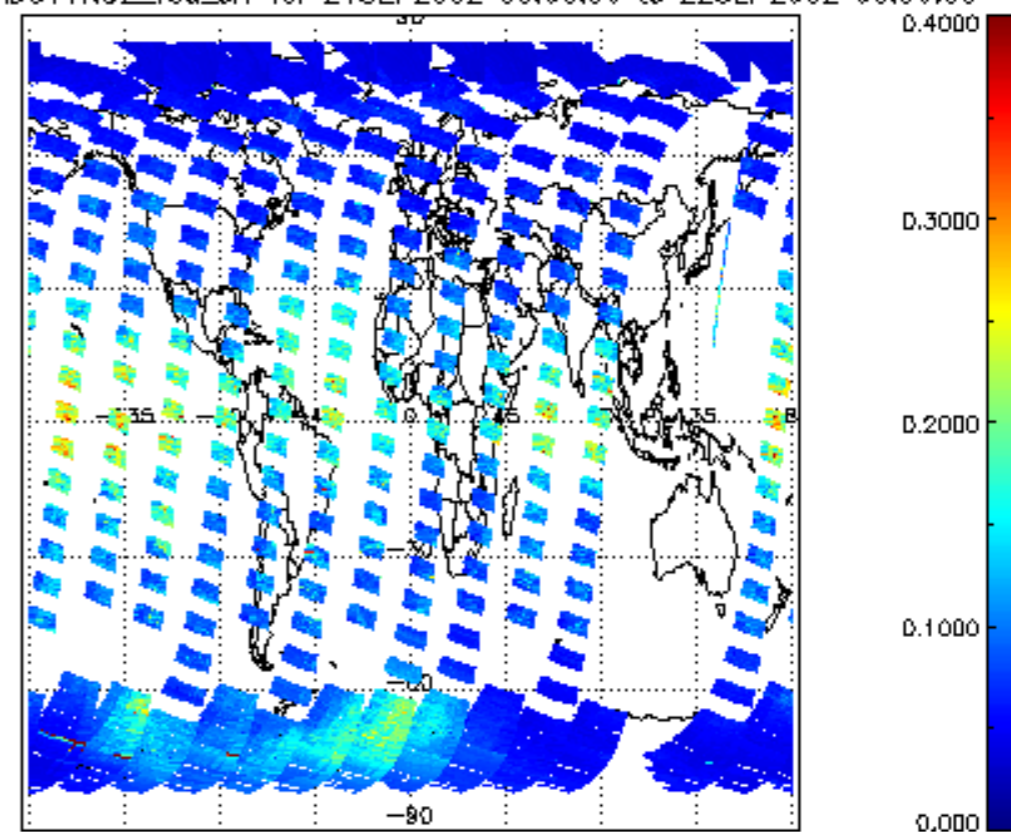




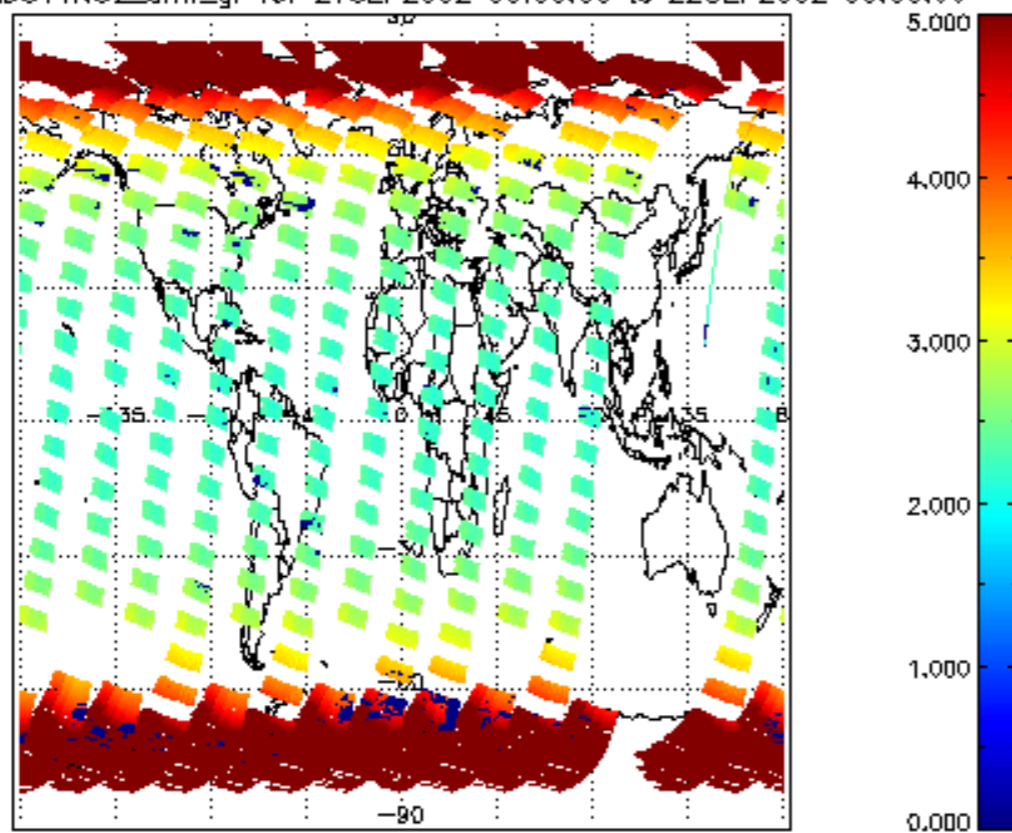
SCIOL2P\_NADUV1NO2\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



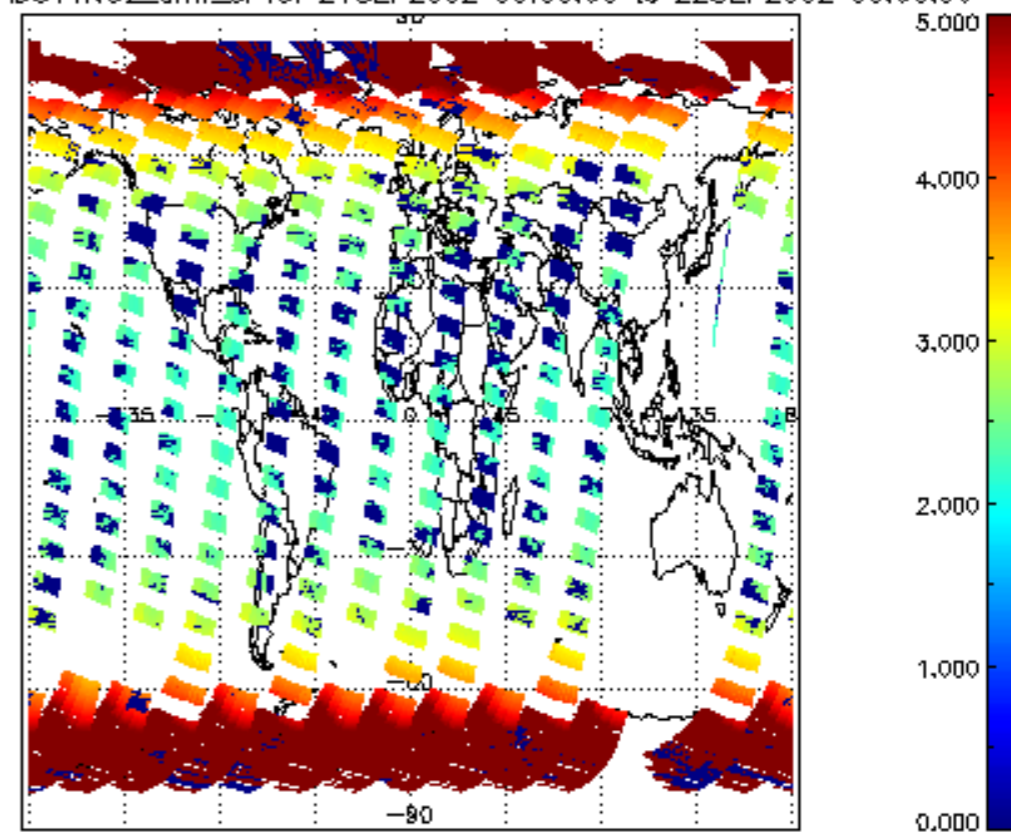
SCIOL2P\_NADUV1NO2\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

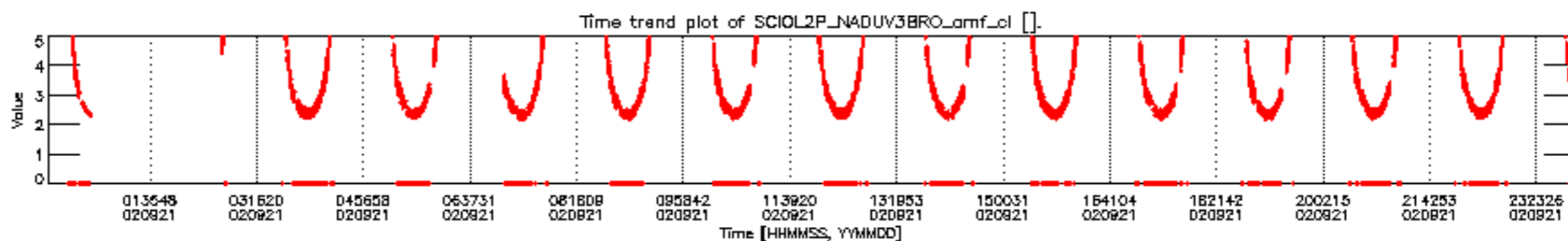
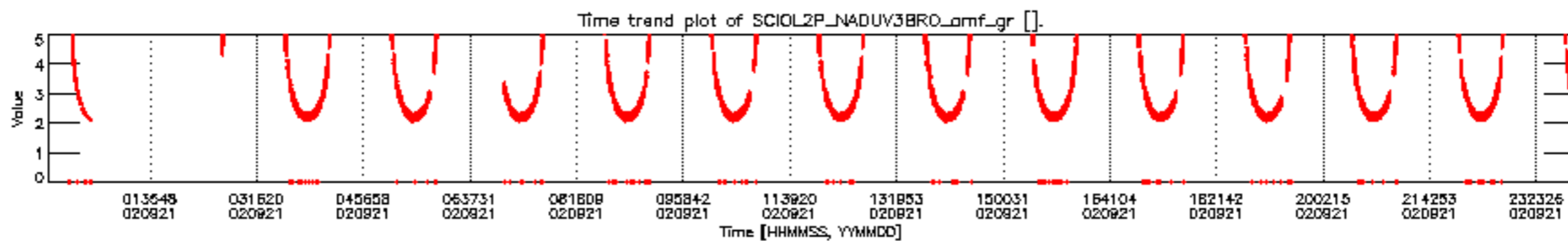
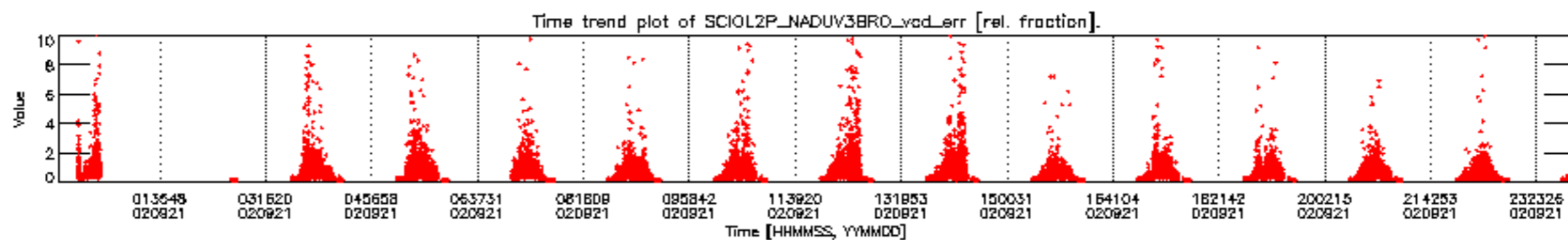
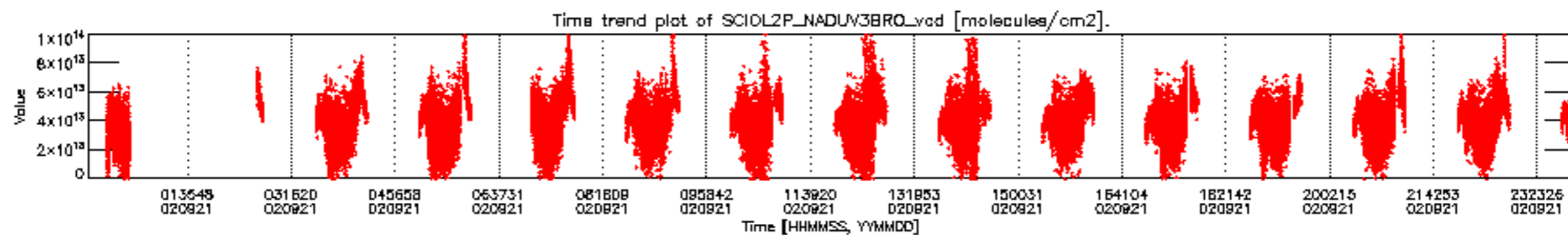


SCIOL2P\_NADUV1NO2\_amf\_gr for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

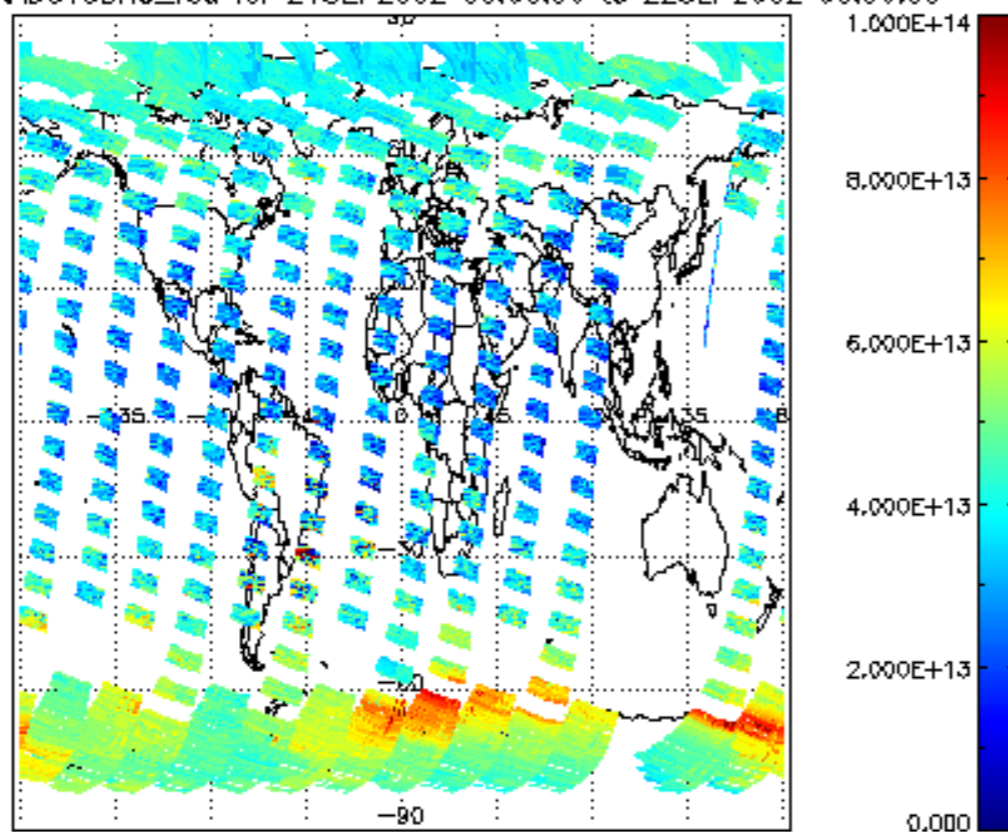


SCIOL2P\_NADUV1NO2\_amf\_cl for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

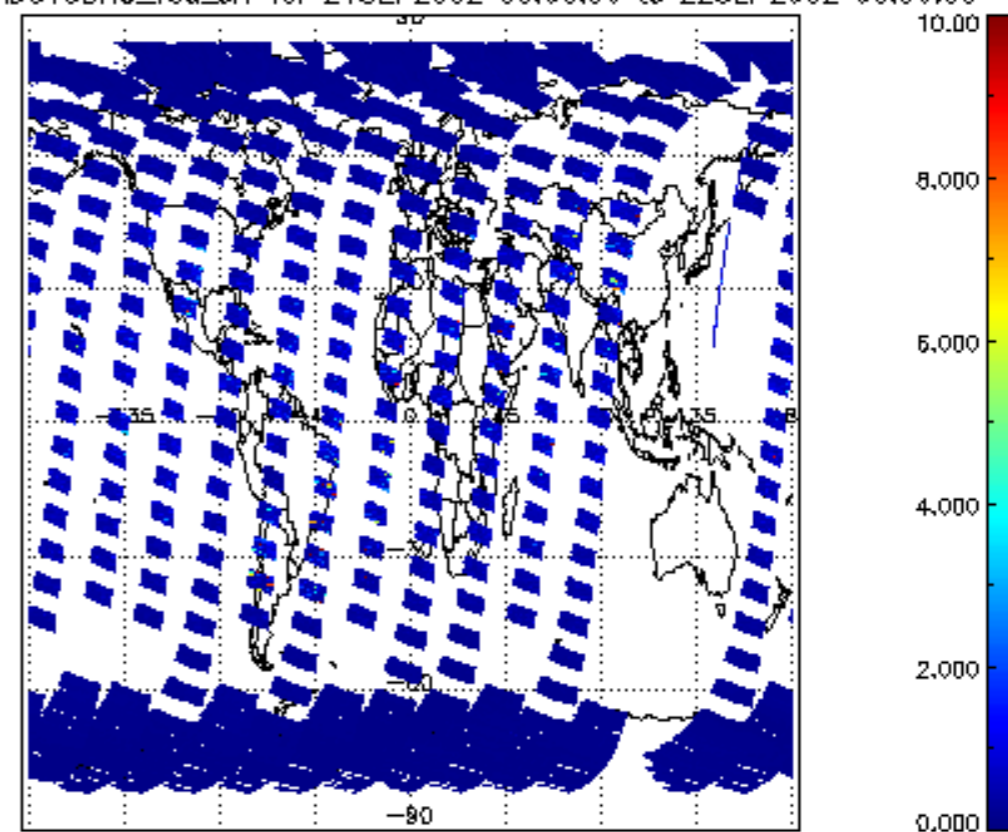




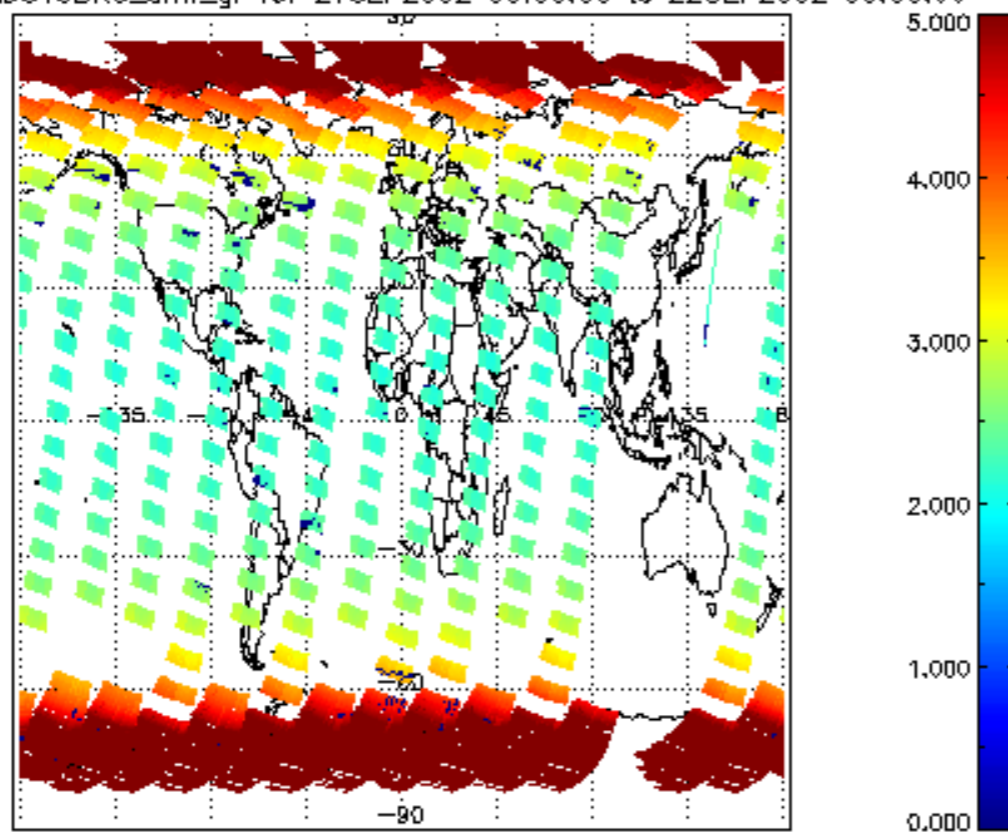
SCIOL2P\_NADUV3BRO\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



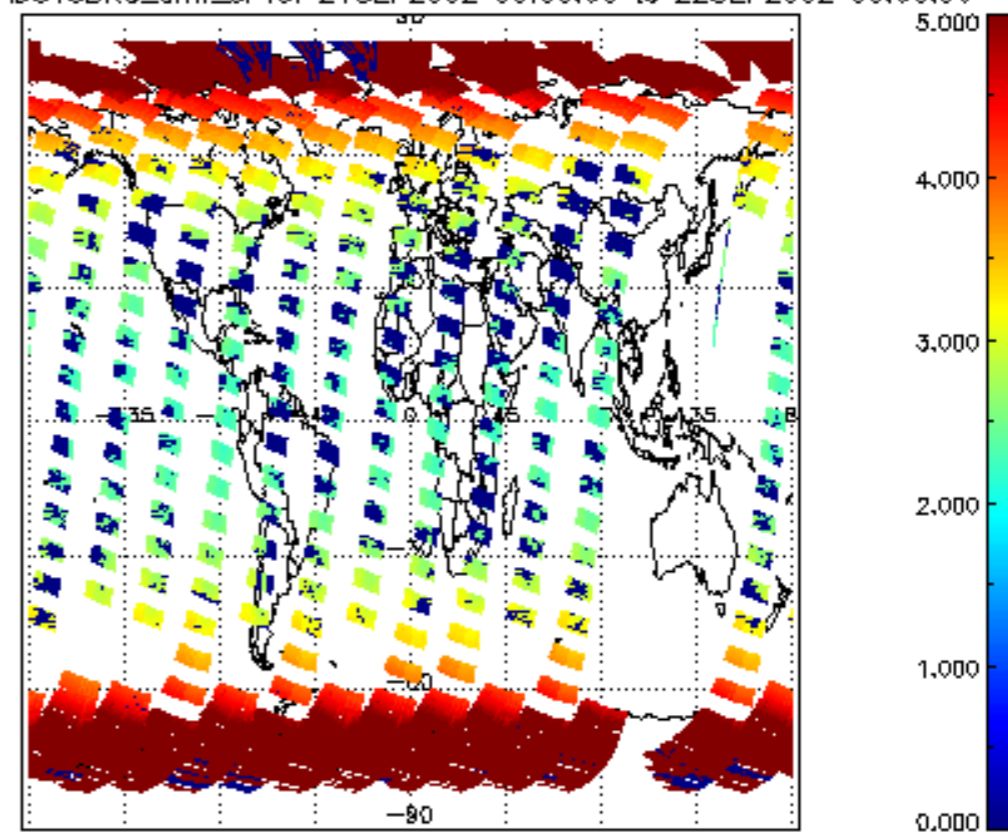
SCIOL2P\_NADUV3BRO\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

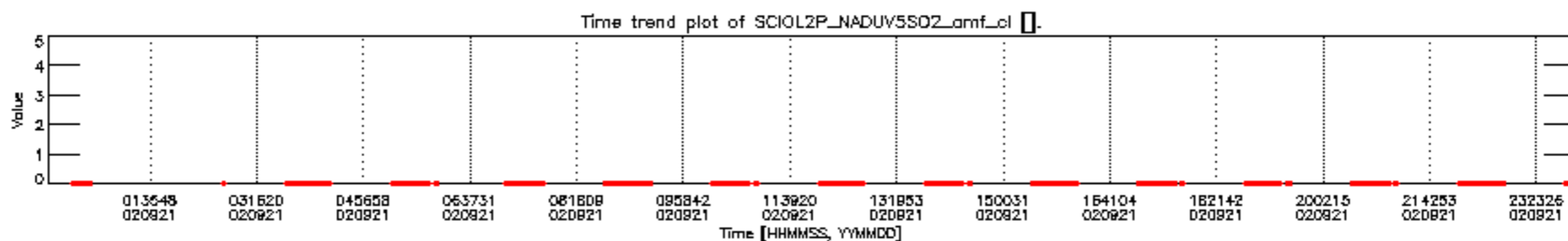
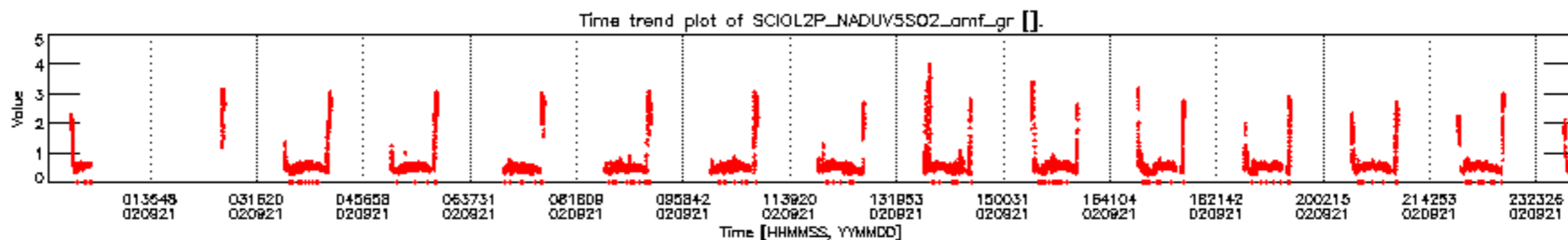
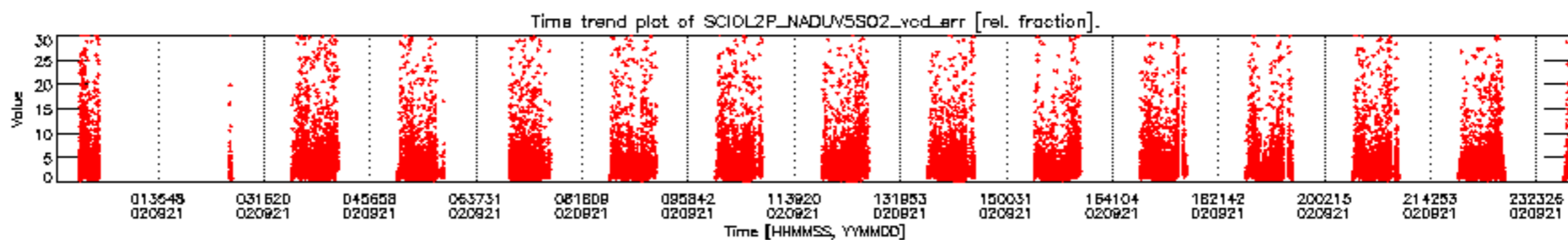
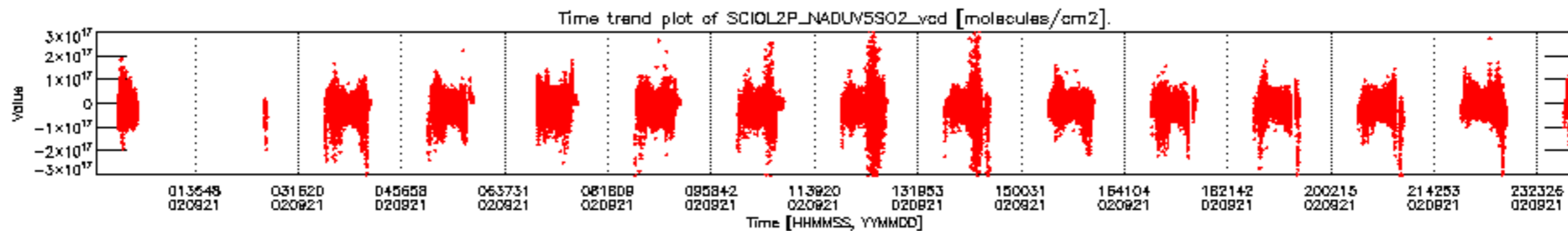


SCIOL2P\_NADUV3BRO\_amf\_gr for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

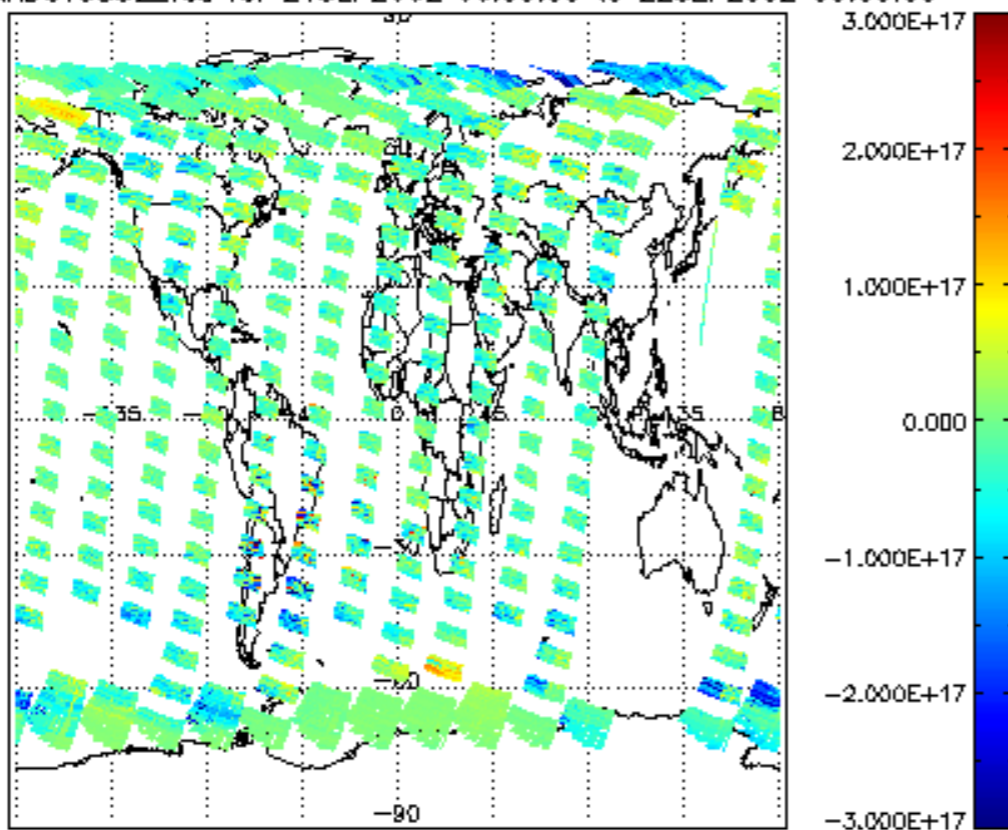


SCIOL2P\_NADUV3BRO\_amf\_sl for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

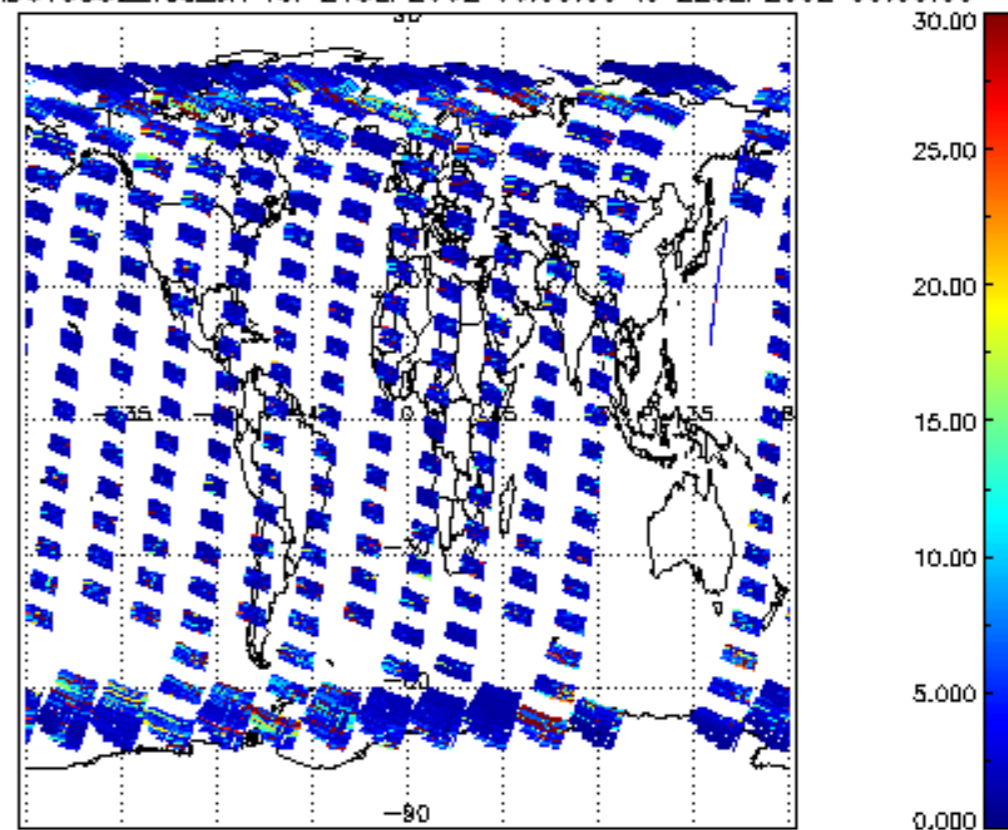




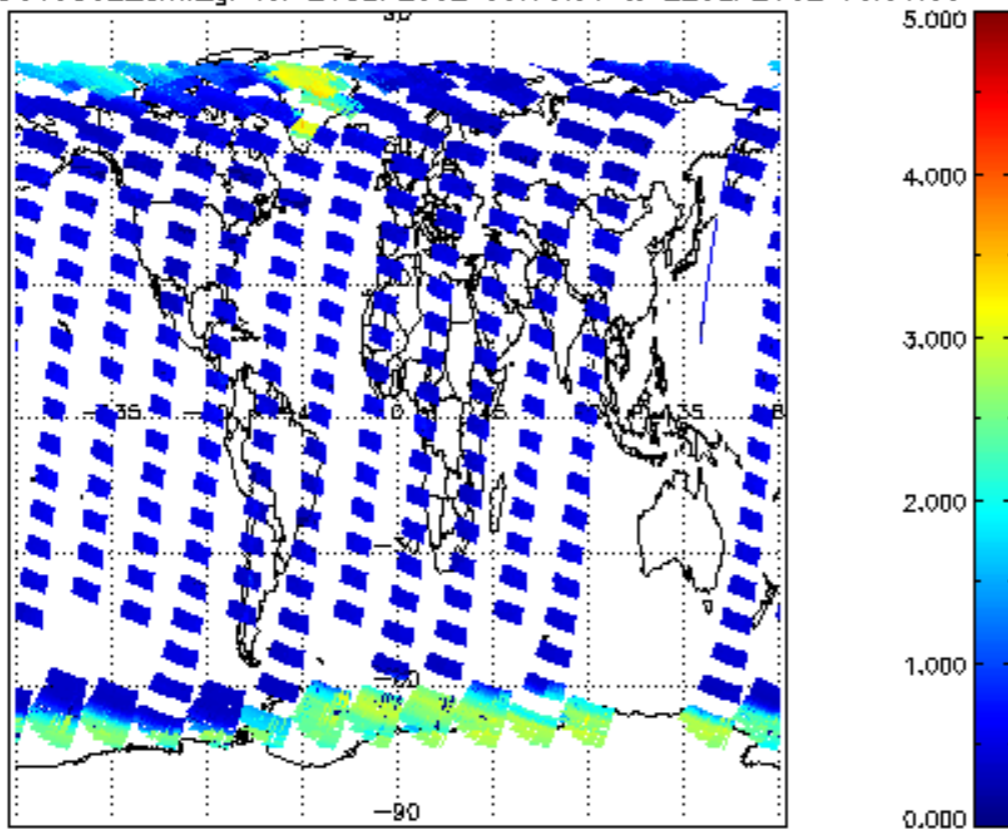
SCIOL2P\_NADUV5S02\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



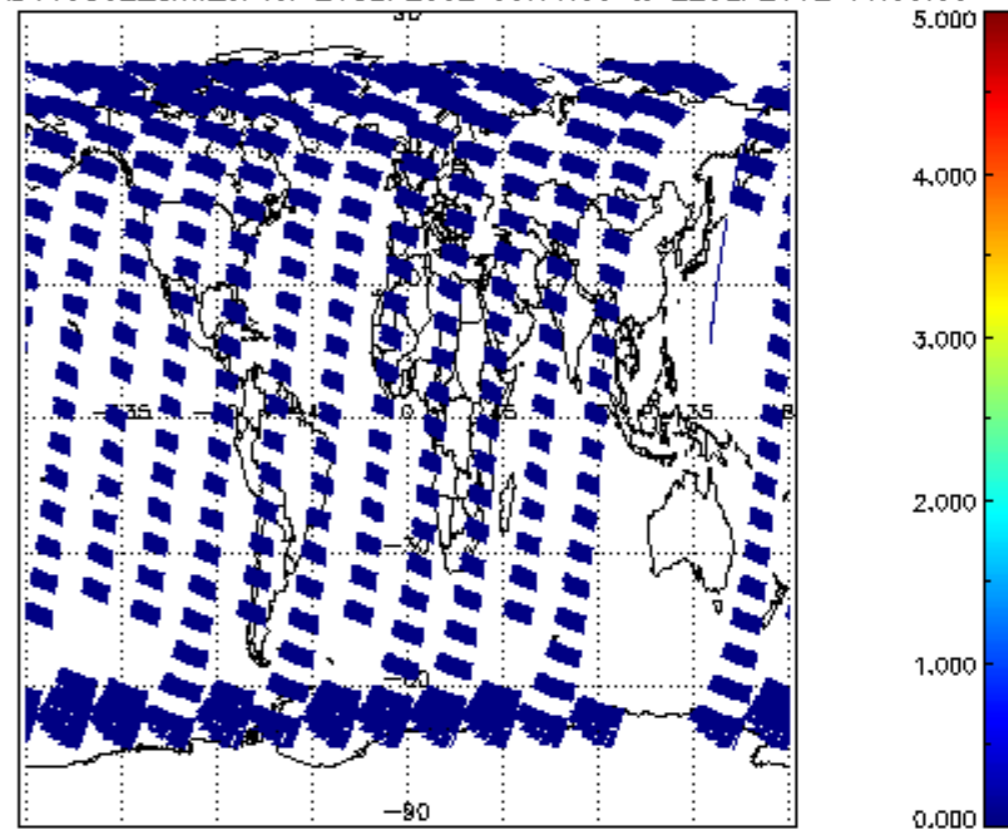
SCIOL2P\_NADUV5S02\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

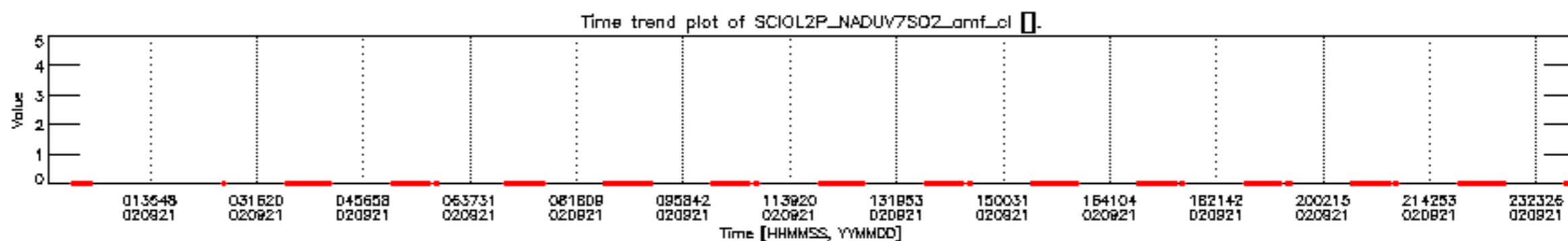
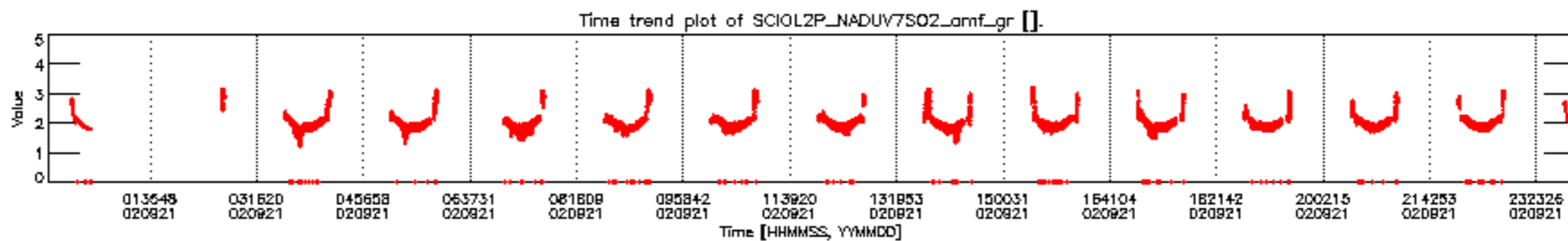
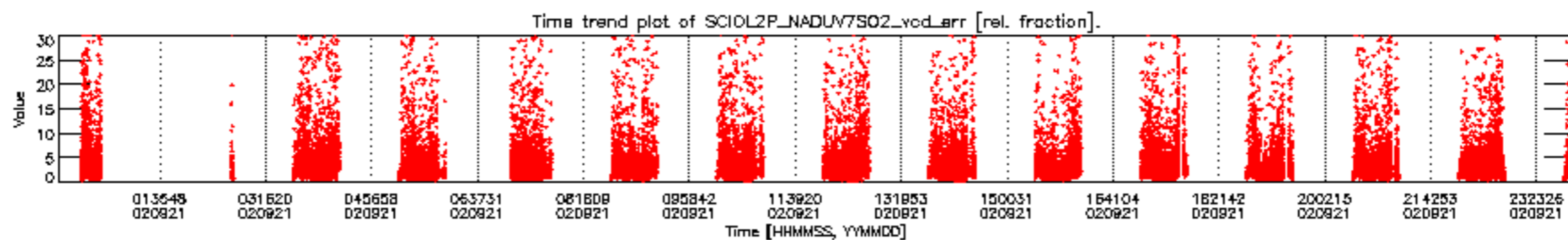
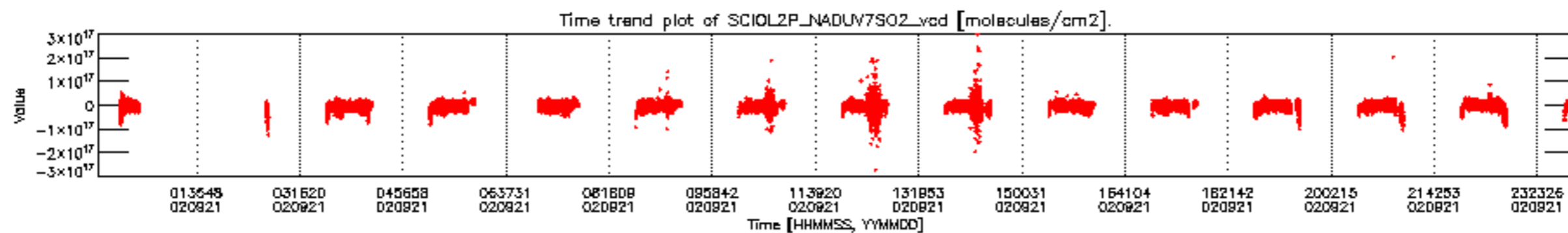


SCIOL2P\_NADUV5S02\_amf\_gr for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

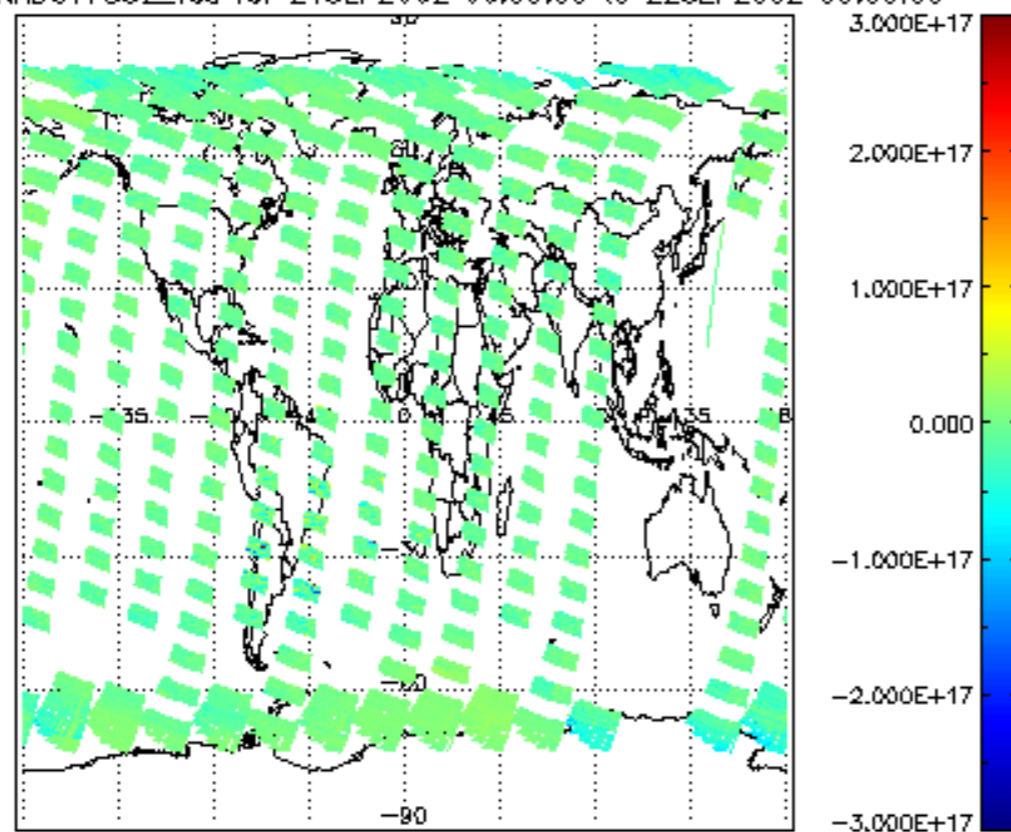


SCIOL2P\_NADUV5S02\_amf\_cl for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

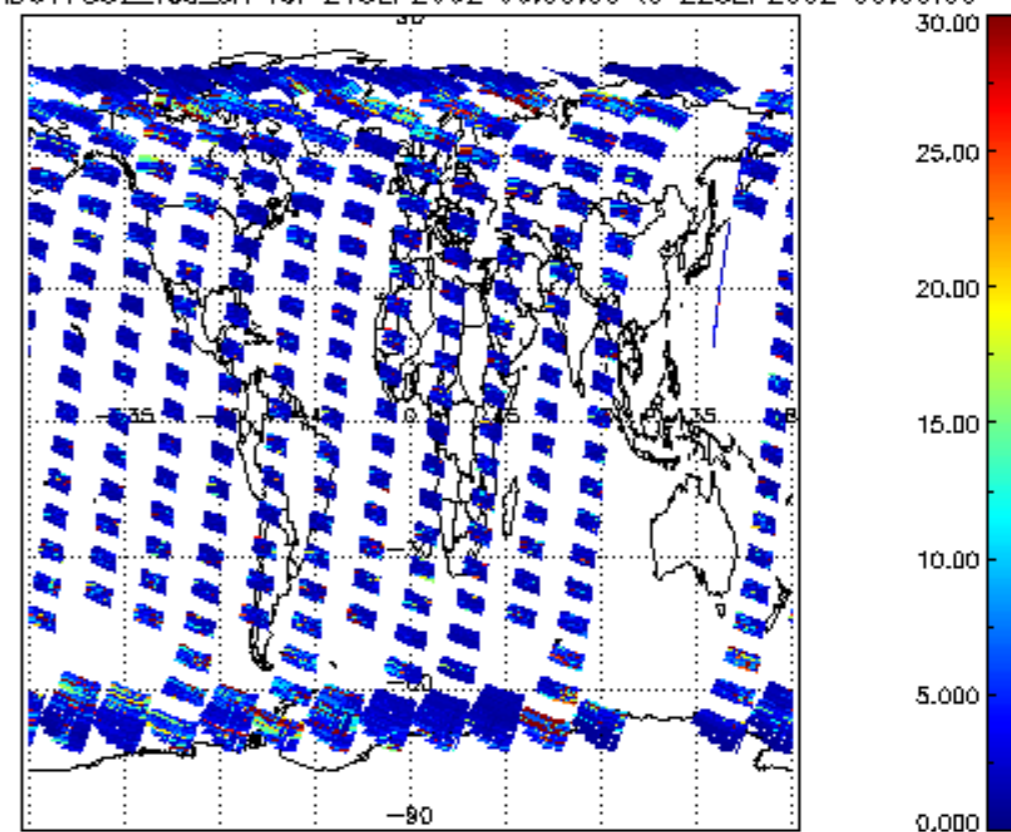




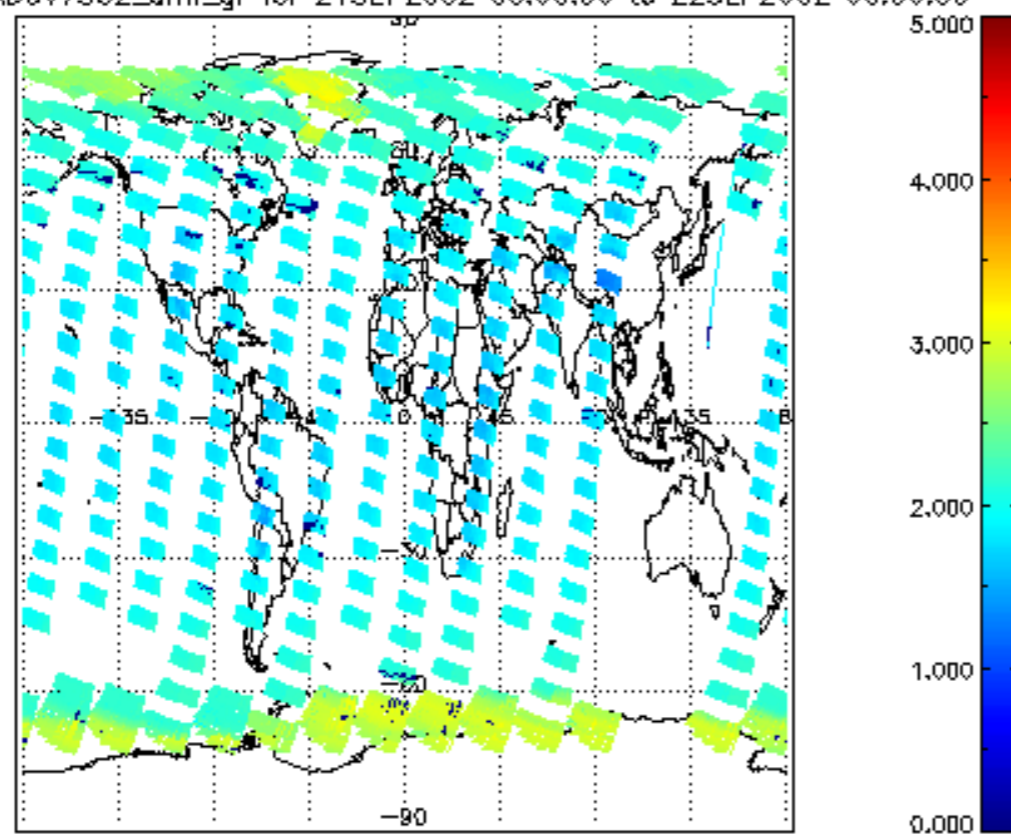
SCIOL2P\_NADUV7S02\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



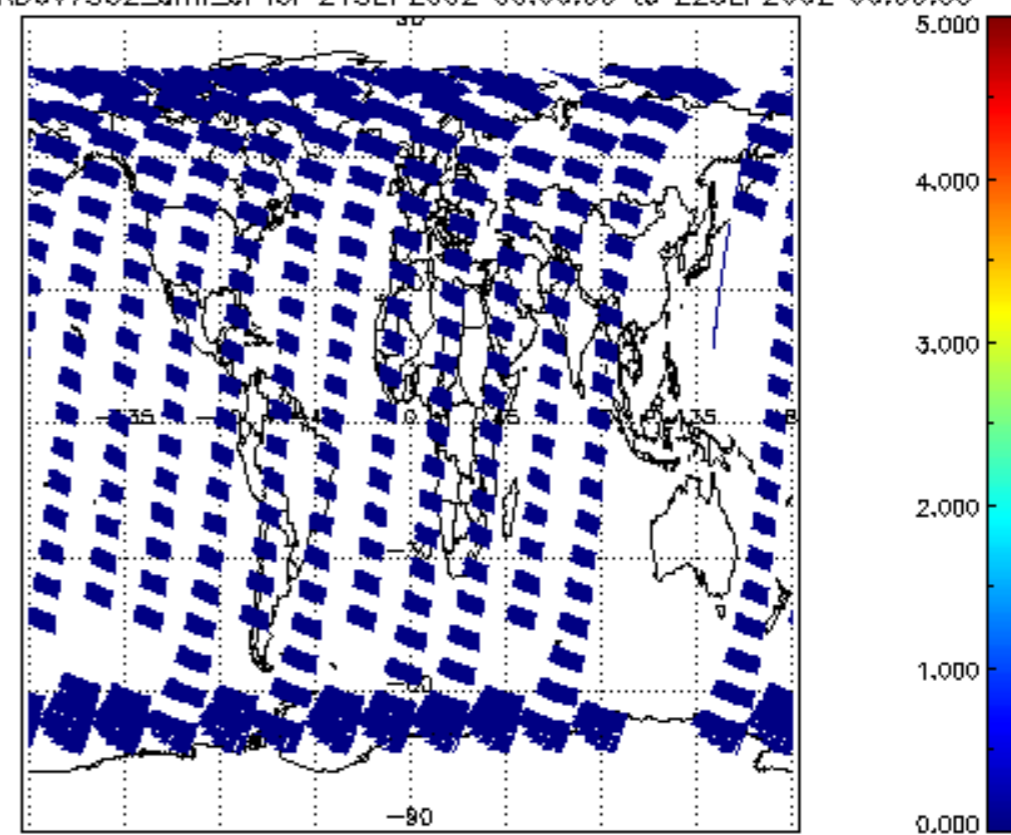
SCIOL2P\_NADUV7S02\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



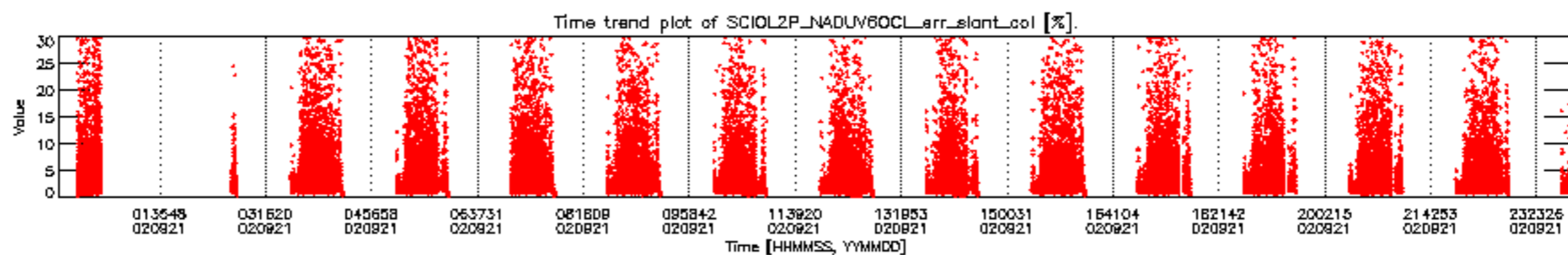
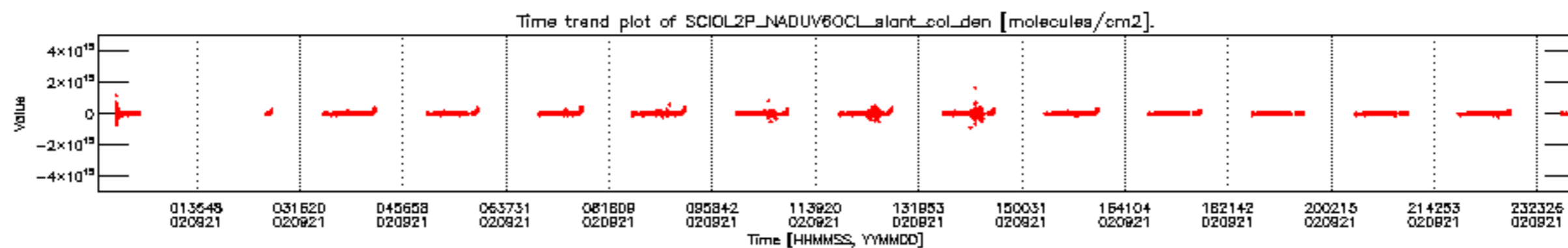
SCIOL2P\_NADUV7S02\_amf\_gr for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



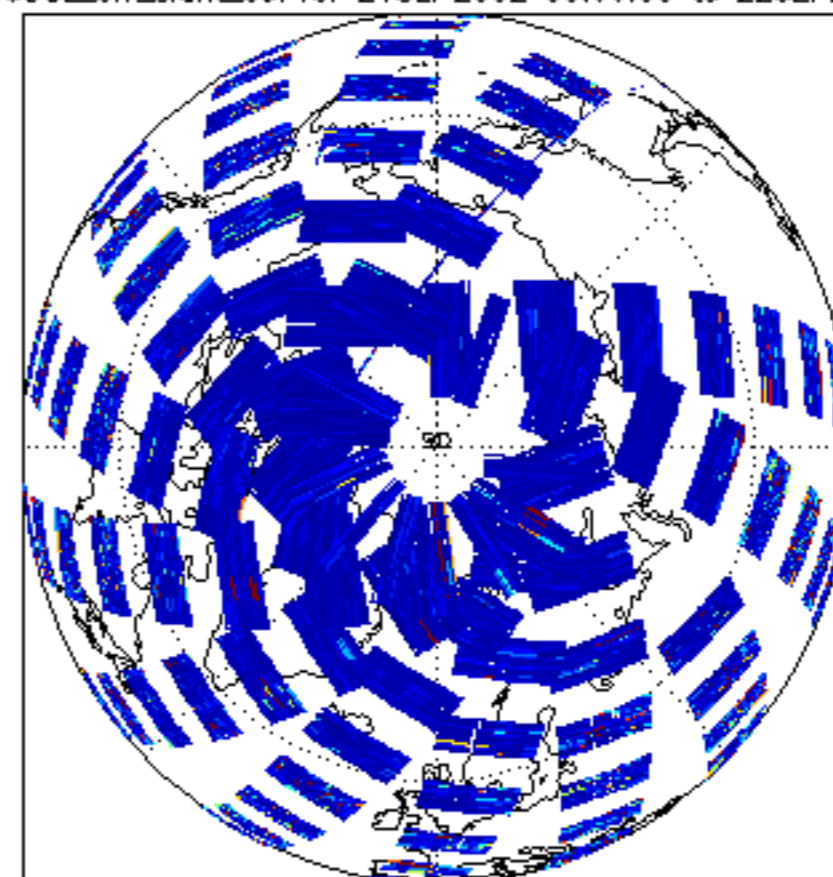
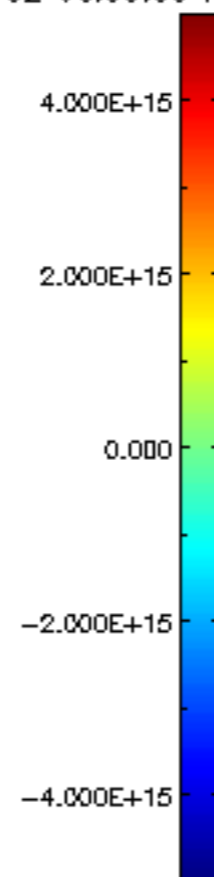
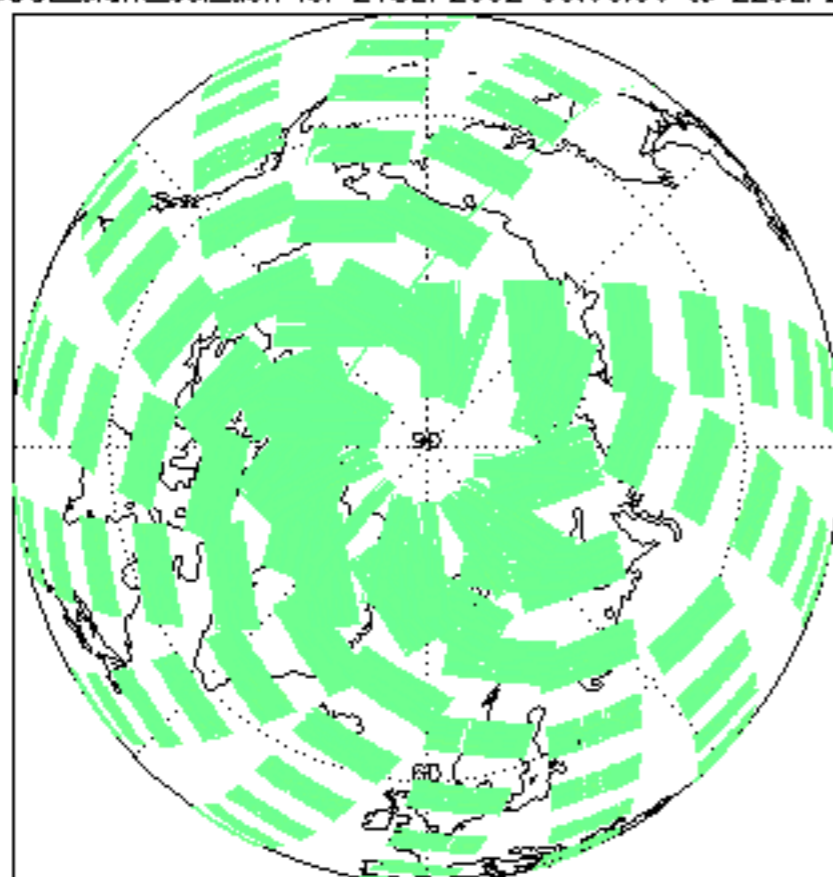
SCIOL2P\_NADUV7S02\_amf\_cl for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



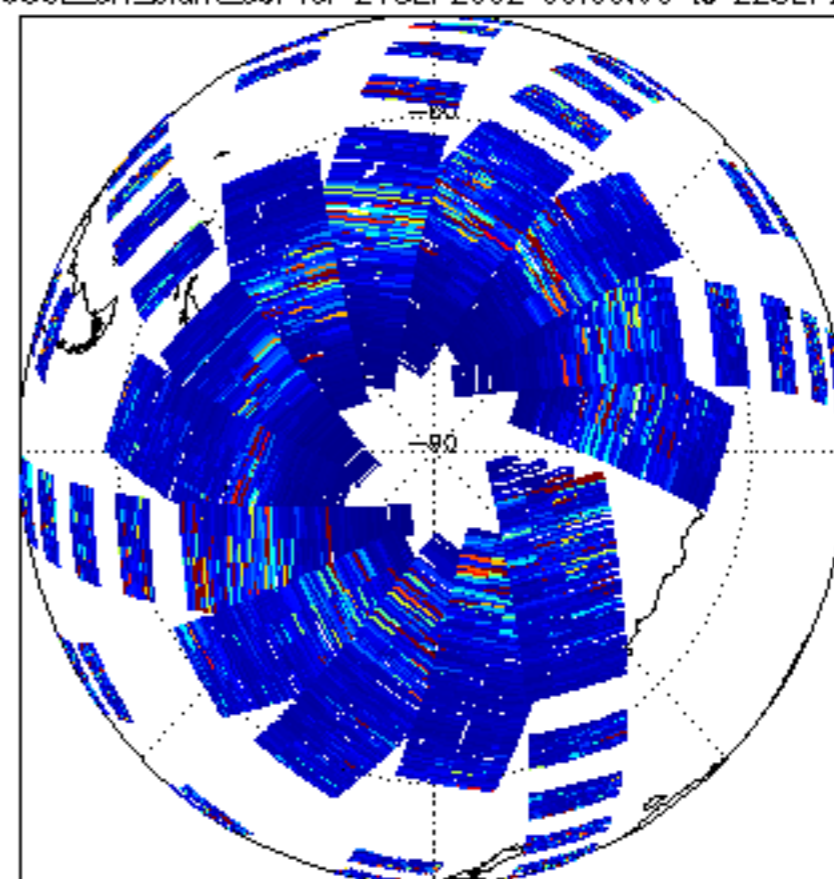
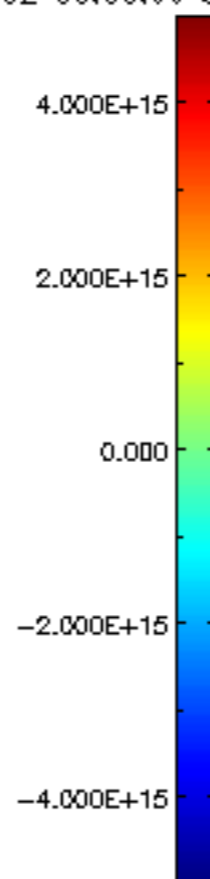
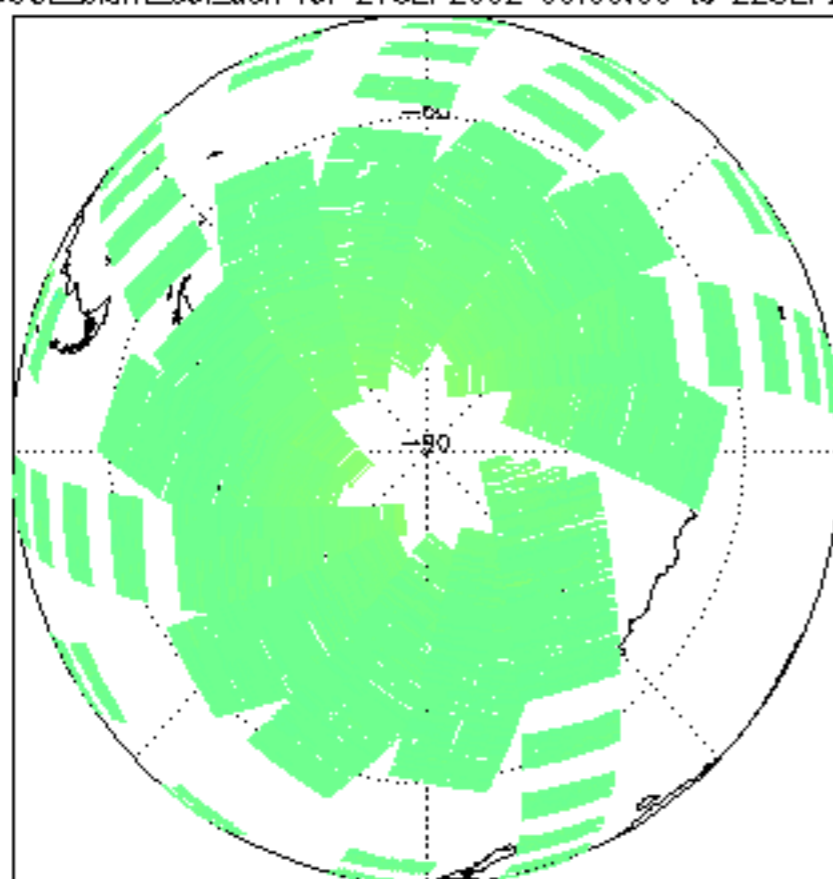


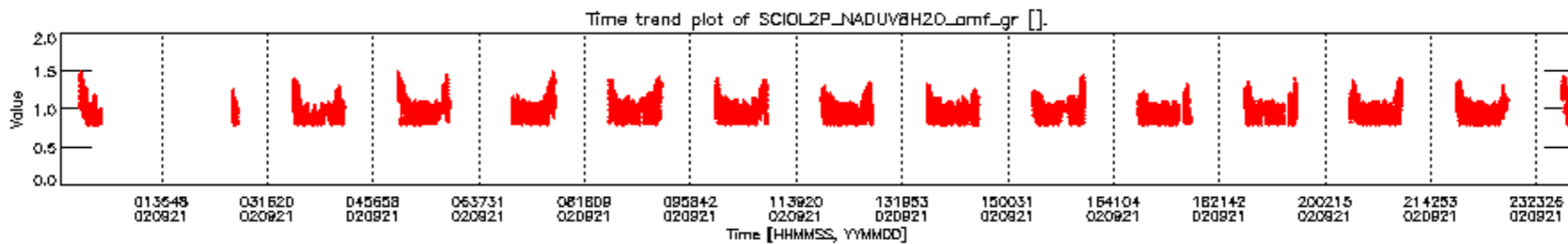
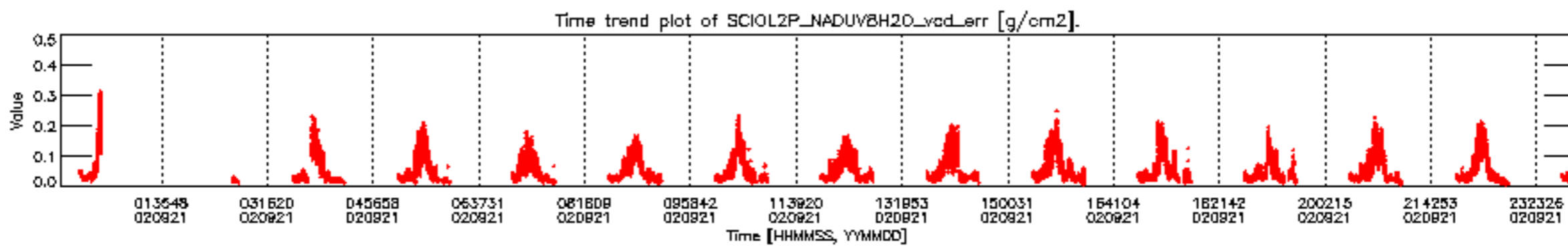
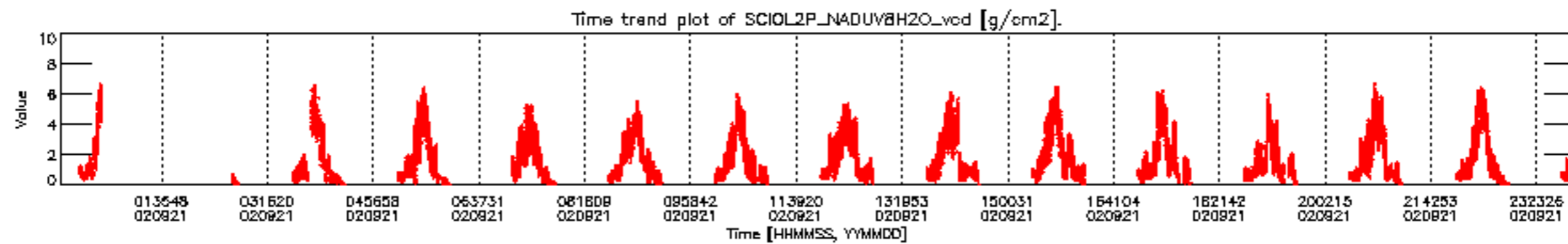


CIOL2P\_NADUV60CL\_slant\_col\_den for 21SEP2002 00:00:00 to 22SEP2002 00:00:00 np iCIOL2P\_NADUV60CL\_err\_slant\_col for 21SEP2002 00:00:00 to 22SEP2002 00:00:00 np

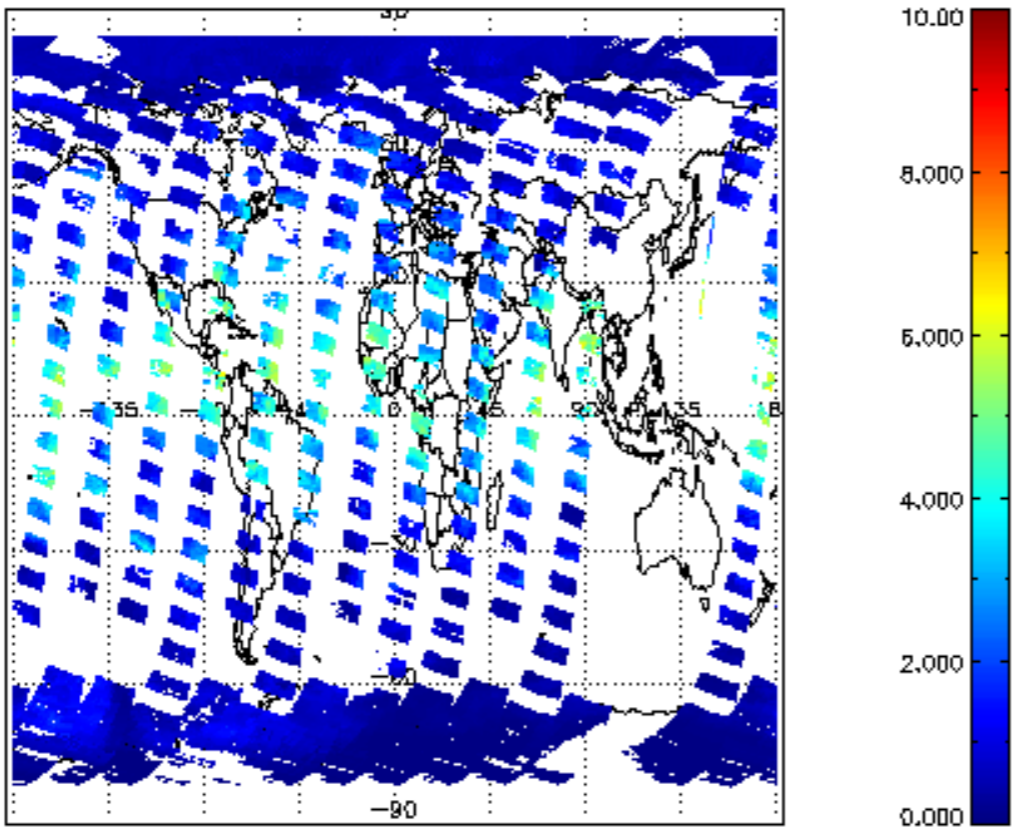


CIOL2P\_NADUV60CL\_slant\_col\_den for 21SEP2002 00:00:00 to 22SEP2002 00:00:00 sp iCIOL2P\_NADUV60CL\_err\_slant\_col for 21SEP2002 00:00:00 to 22SEP2002 00:00:00 sp

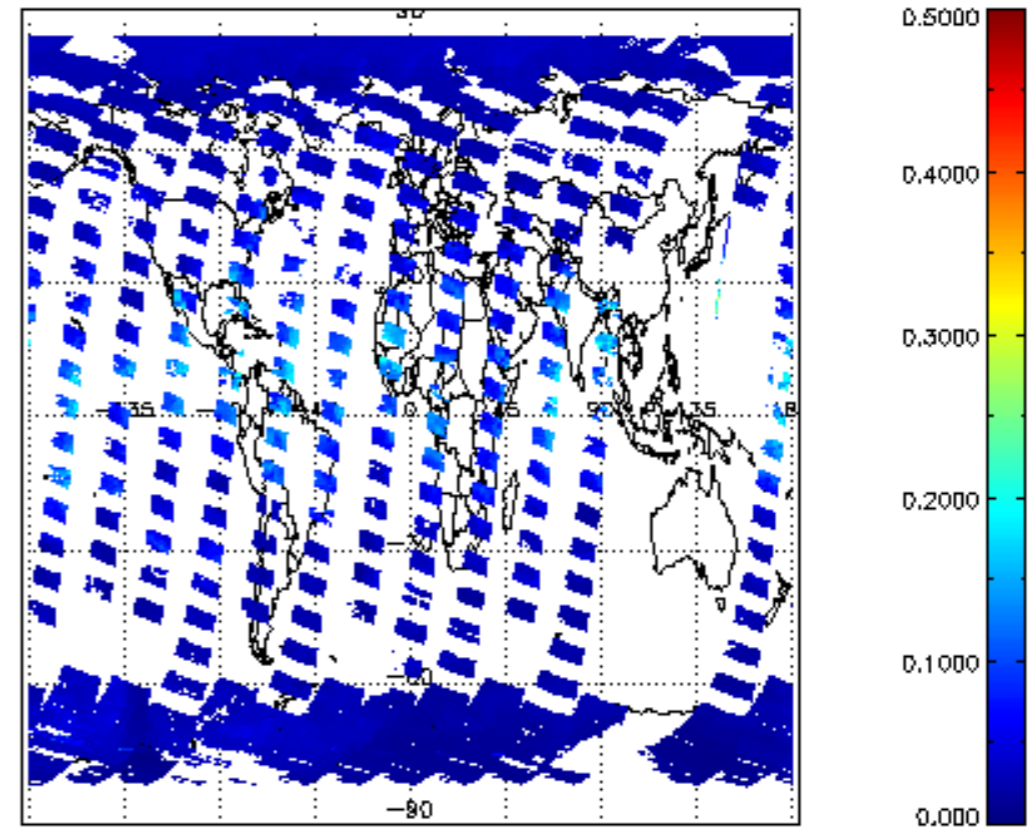




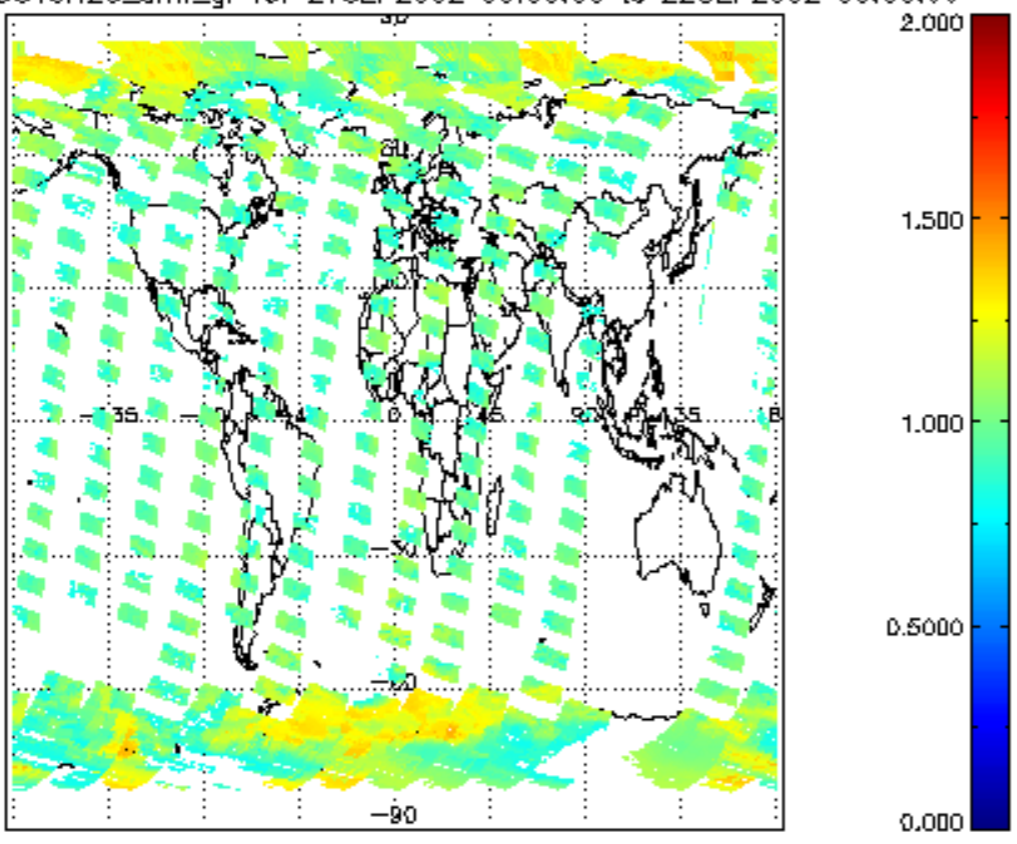
SCIOL2P\_NADUV8H20\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

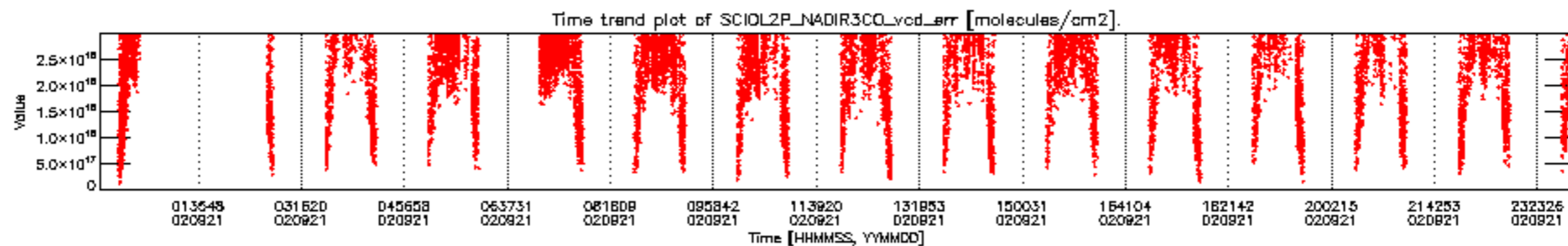
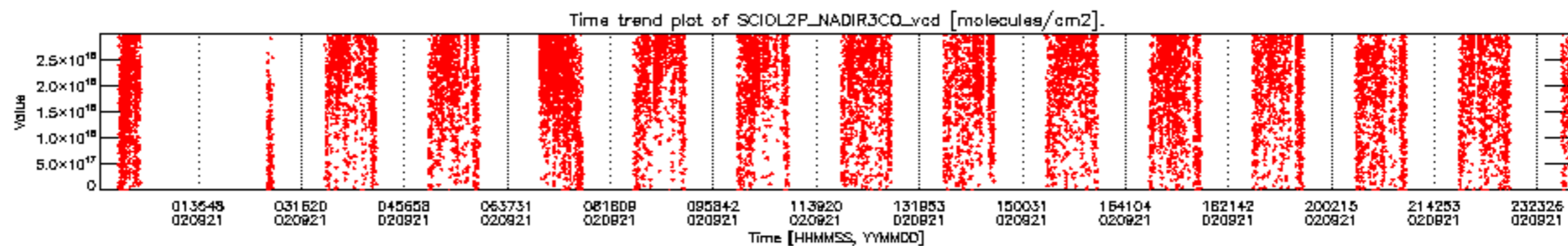


SCIOL2P\_NADUV8H20\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

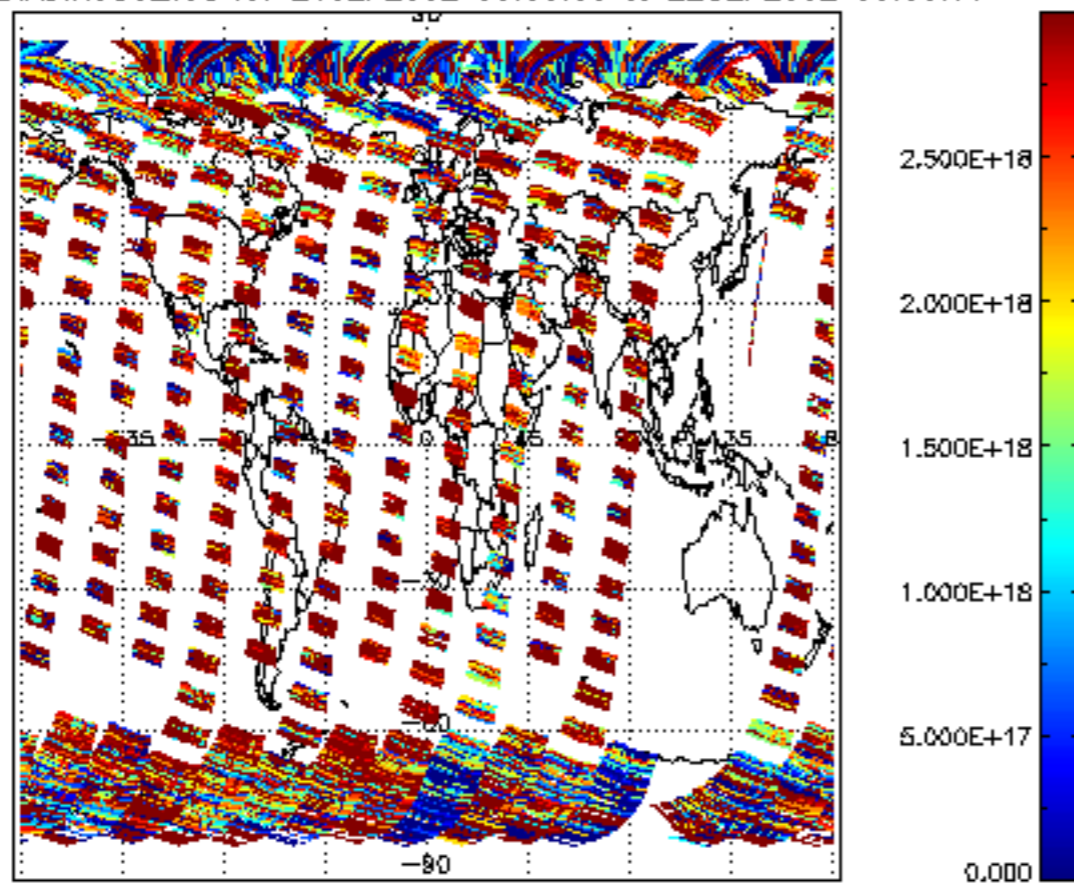


SCIOL2P\_NADUV8H20\_amf\_gr for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

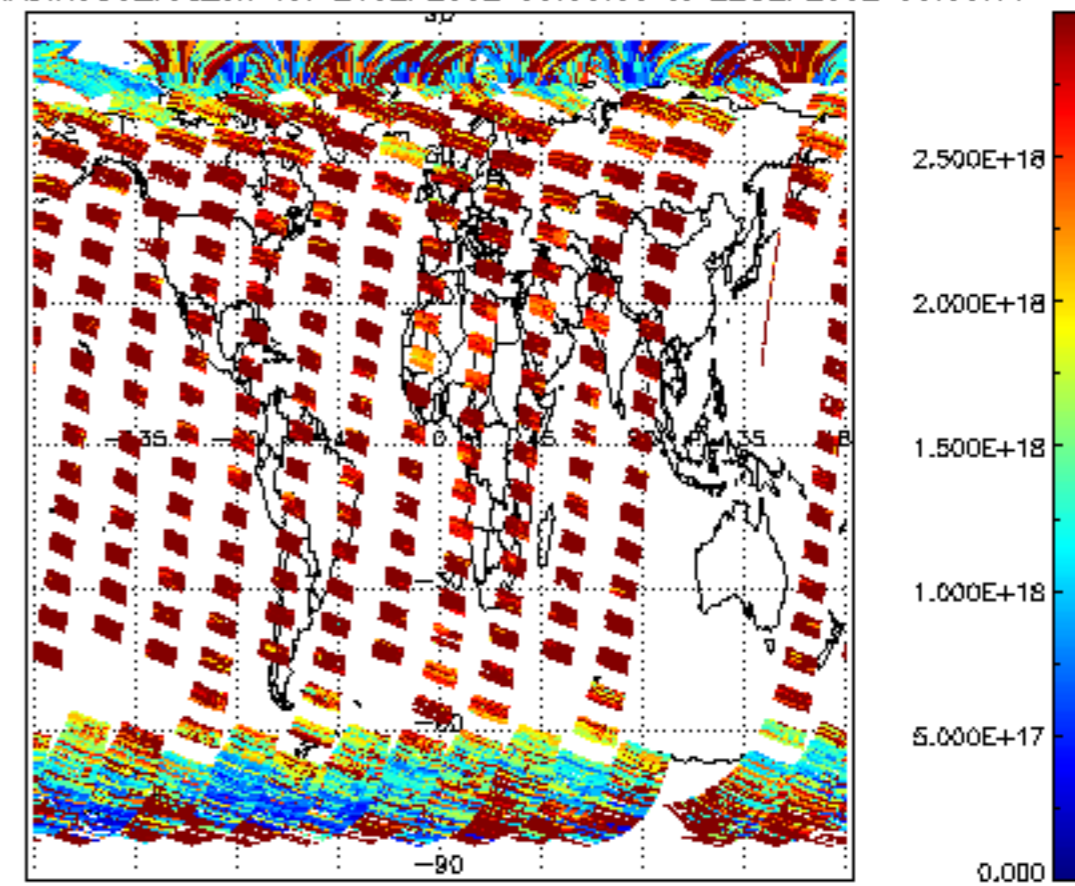




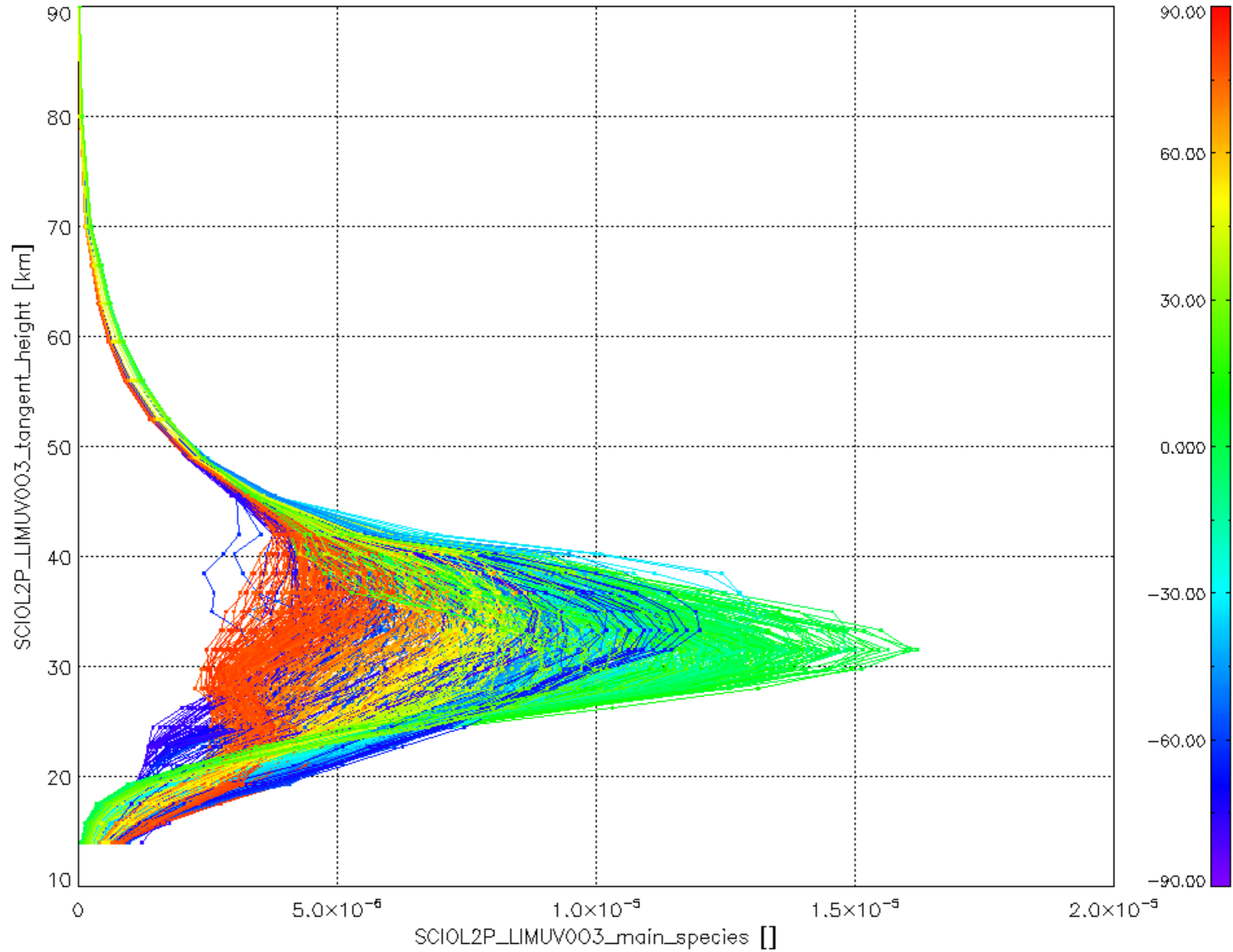
SCIOL2P\_NADIR3CO\_vcd for 21SEP2002 00:00:00 to 22SEP2002 00:00:00



SCIOL2P\_NADIR3CO\_vcd\_err for 21SEP2002 00:00:00 to 22SEP2002 00:00:00

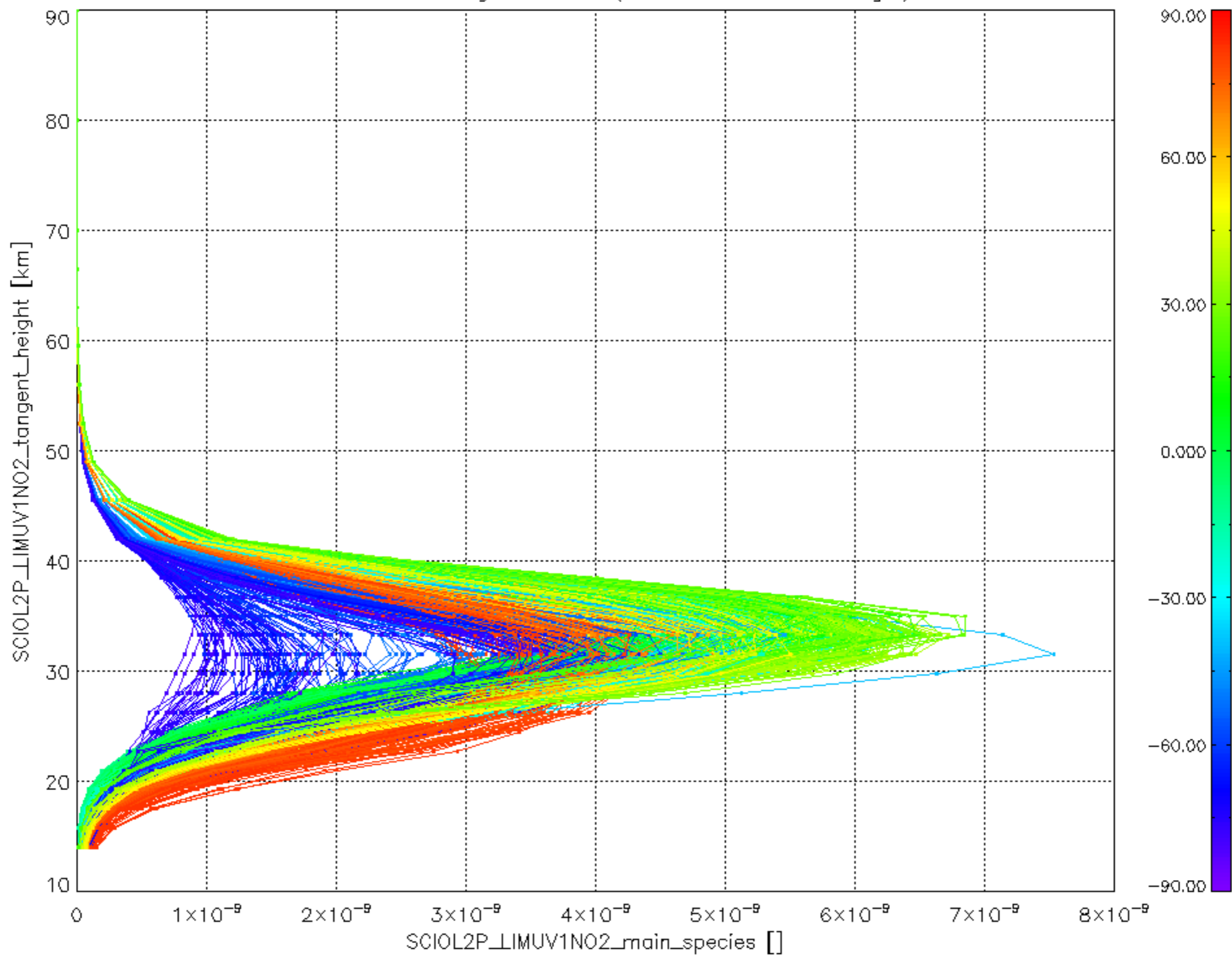


Plot of SCIOL2P\_LIMUV003\_main\_species.tang\_vmr vs. tangent height.  
 Colours indicate tangent latitude (see colour bar on the right).





Plot of SCIOL2P\_LIMUV1NO2\_main\_species.tang\_vmr vs. tangent height.  
 Colours indicate tangent latitude (see colour bar on the right).



Plot of SCIOL2P\_LIMUV3BRO\_main\_species.tang\_vmr vs. tangent height.  
 Colours indicate tangent latitude (see colour bar on the right).

