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2. SCIAMACHY Daily Report for Level 2 products

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 16:58:23
Data source version	SCIA-OL/5.02-W
Processing scope for products	08SEP2002 00:00:00 to 09SEP2002 00:00:00
Start time of first product within scope	07SEP2002 22:38:39
Stop time of last product within scope	08SEP2002 02:57:42
Total number of level 2 products	3
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	SCI_OL__2PWDPA20020907_223839_000034702009_00173_02732_1652.N1	07SEP2002 22:38:39	07SEP2002 23:36:29	0	GOOD
1	SCI_OL__2PWDPA20020908_001812_000034492009_00174_02733_1653.N1	08SEP2002 00:18:12	08SEP2002 01:15:42	0	GOOD
2	SCI_OL__2PWDPA20020908_015849_000035332009_00175_02734_1654.N1	08SEP2002 01:58:49	08SEP2002 02:57:42	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: 15180

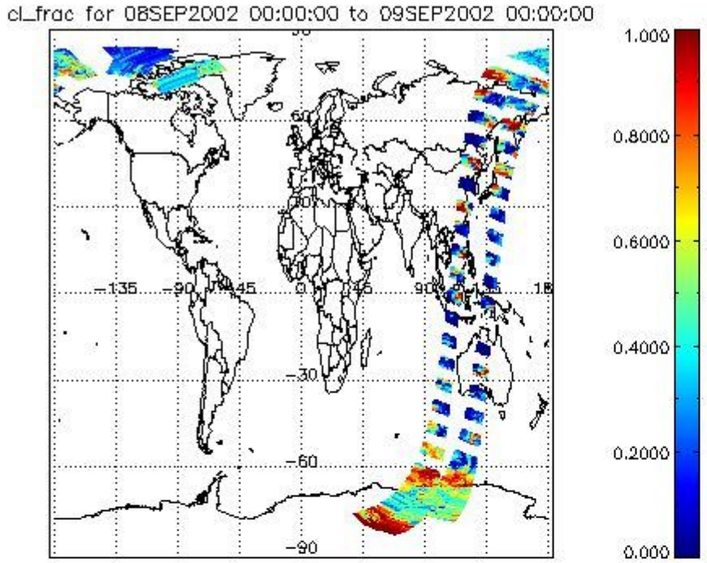
Total number of cloud data DSRs with good quality flag (=0): 15180 (100.0 %)

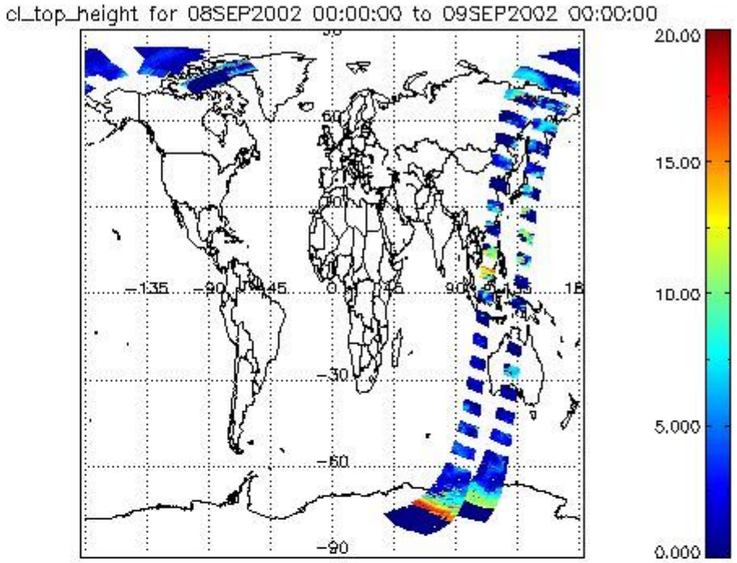
Parameter	#valid	Mean	Median	Min	Max	Stddev	Unit
QUALITY_FLAG	15180	0.0000	0.0000	0.0000	0.0000	0.0000	
INTEGR_TIME	15180	0.22694	0.25000	0.12500	1.0000	0.10834	s
CL_FRAC	15180	0.37659	0.31932	0.0000	1.0000	0.31731	
CL_FRAC_ERR	15180	0.0000	0.0000	0.0000	0.0000	0.0000	%
PMD_READ	15180	7.2622	8.0000	4.0000	32.000	3.4670	
PMD_READ_CL[0]	15180	0.72648	0.0000	0.0000	16.000	2.0980	-
PMD_READ_CL[1]	15180	1.8184	0.0000	0.0000	15.000	2.8677	-
CL_TOP_HEIGHT	13345	3.4365	2.1320	0.0000	17.000	3.6647	km
CL_TOP_HEIGHT_ERR	0	---	---	---	---	---	---
CL_OPT_DEPTH	13345	57.887	61.070	0.0000	101.00	42.370	km
CL_OPT_DEPTH_ERR	0	---	---	---	---	---	---
CL_TYPE_FLAGS	15180	11100000	11100000	11100000	11100000	0.0000	
CLOUD_FLAGS	15180	11001011	11000100	11000000	11100000	3367.7	
AERO_ABSO_IND	15180	0.11996	0.0000	0.0000	3.7015	0.33926	
AERO_IND_DIAG	15180	0.0000	0.0000	0.0000	0.0000	0.0000	
AERO_FLAGS	15180	01101100	11000000	00000000	11000000	24356.	

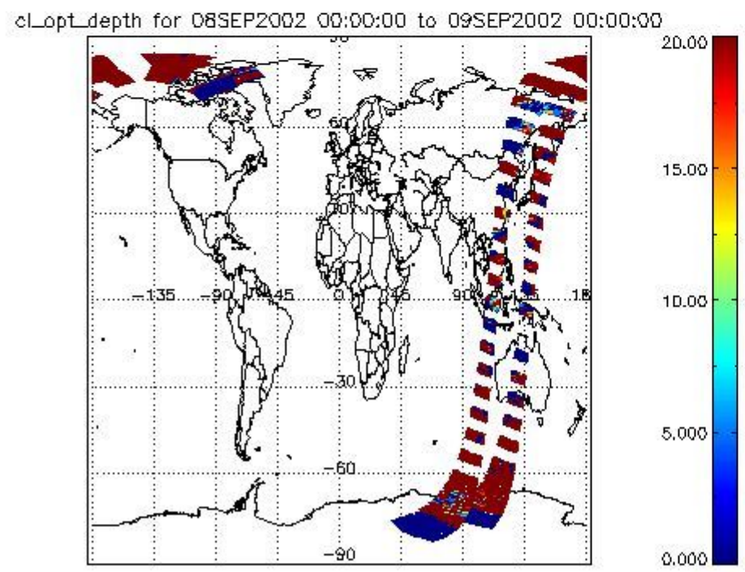
Time and geolocation plots:

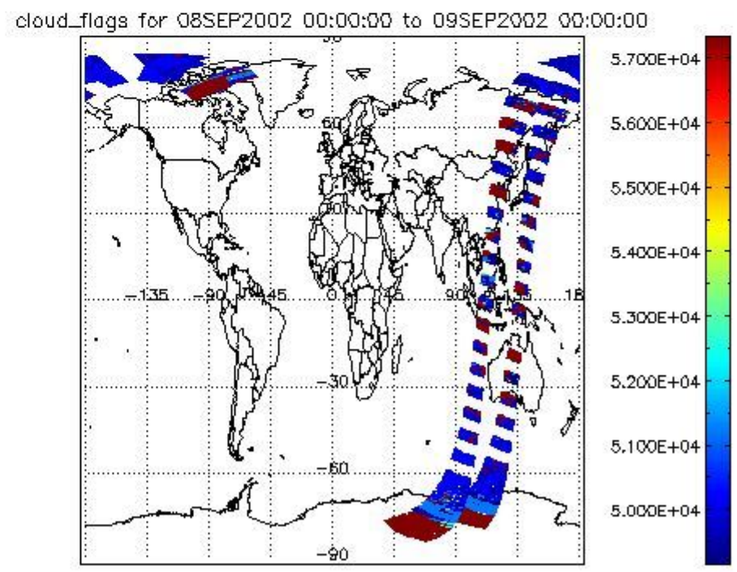
Plots are available for the following parameters:

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









2.2.2 Nadir

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

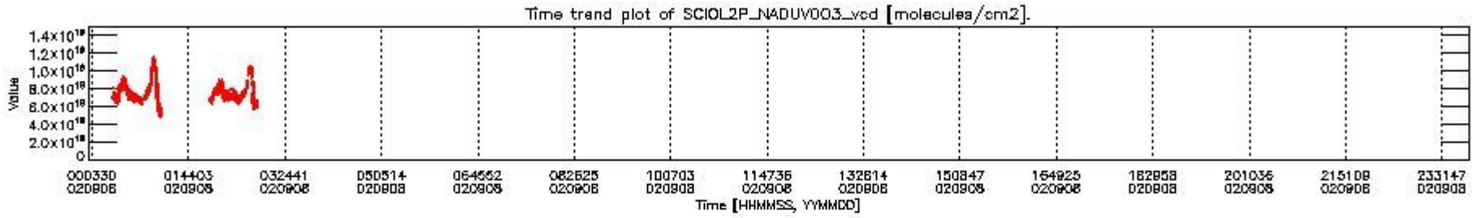
The following data items are currently included into this section:

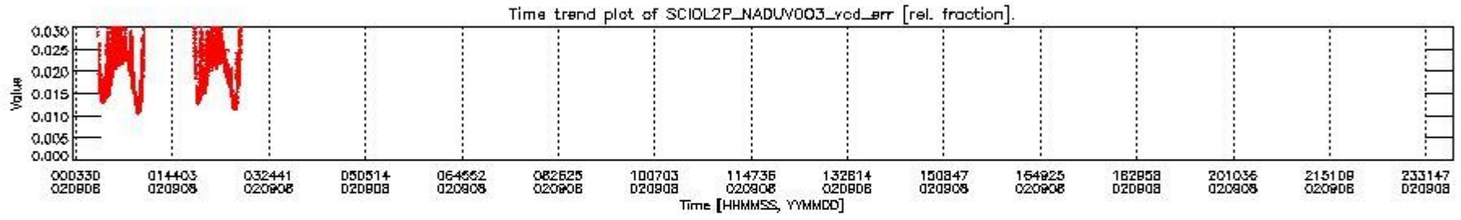
Number	Data item ID
0	SCIOL2P_NADUV0O3_vcd
1	SCIOL2P_NADUV0O3_vcd_err
2	SCIOL2P_NADUV0O3_amf_gr

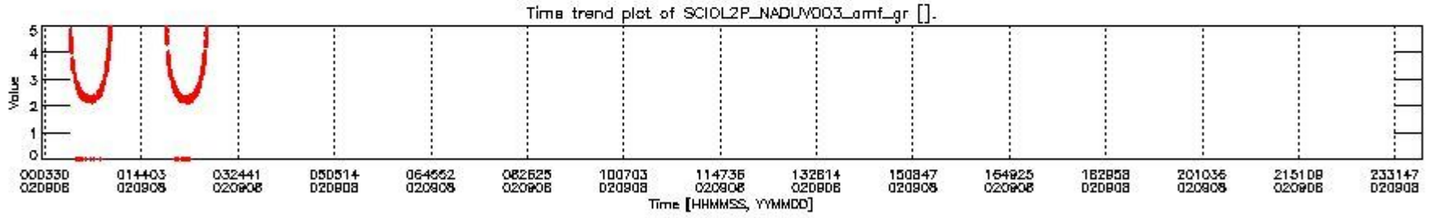
3	SCIOL2P_NADUV0O3_amf_cl
4	SCIOL2P_NADUV1NO2_vcd
5	SCIOL2P_NADUV1NO2_vcd_err
6	SCIOL2P_NADUV1NO2_amf_gr
7	SCIOL2P_NADUV1NO2_amf_cl
8	SCIOL2P_NADUV3BRO_vcd
9	SCIOL2P_NADUV3BRO_vcd_err
10	SCIOL2P_NADUV3BRO_amf_gr
11	SCIOL2P_NADUV3BRO_amf_cl
12	SCIOL2P_NADUV5SO2_vcd
13	SCIOL2P_NADUV5SO2_vcd_err
14	SCIOL2P_NADUV5SO2_amf_gr
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

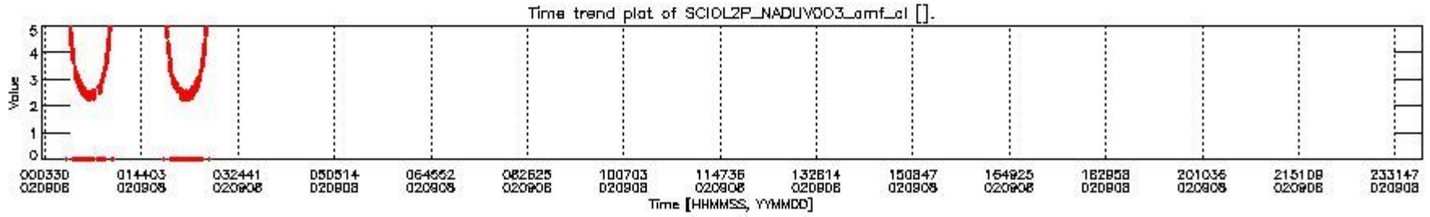
Data is presented both in time trend plots and world map plots, in order to show variations with time and geolocation. The vertical dotted lines in the time trend plots indicate orbits. The orbit times on the X-axis are estimated sensing_start time as suggested by the product sensing_start time in the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

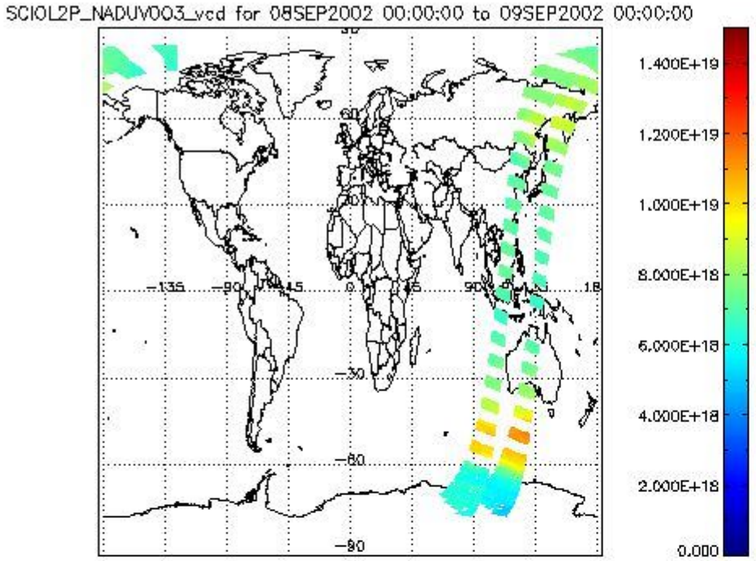
2.2.2.1 O3 (UV0)

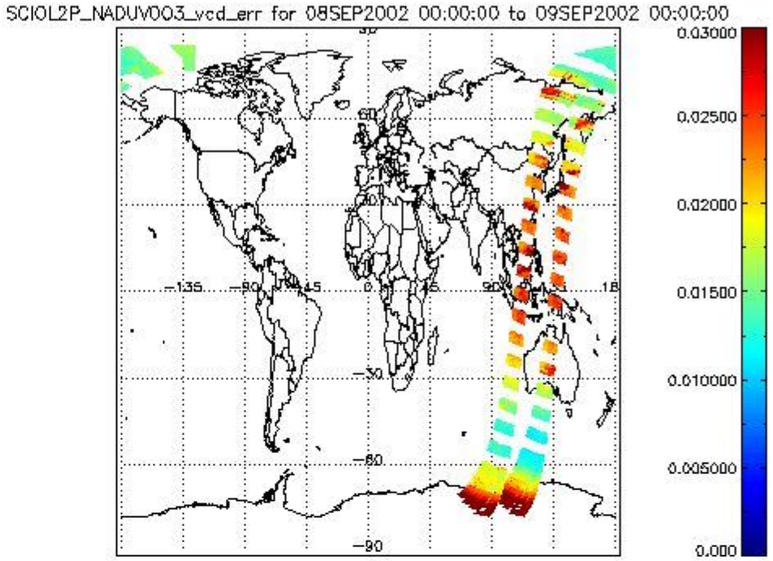

Time trend plot of SCIOL2P_NADUV003_vcd [molecules/cm2].
Value
1.4x10^18
1.2x10^18
1.0x10^18
8.0x10^18
6.0x10^18
4.0x10^18
2.0x10^18
0
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

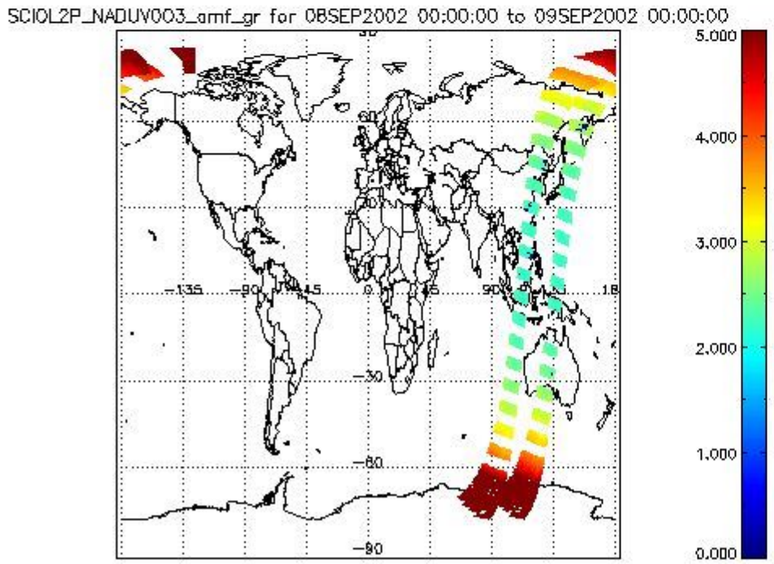

Time trend plot of SCIOL2P_NADUV003_vcd_err [rel. fraction].
Value
0.030
0.025
0.020
0.015
0.010
0.005
0.000
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

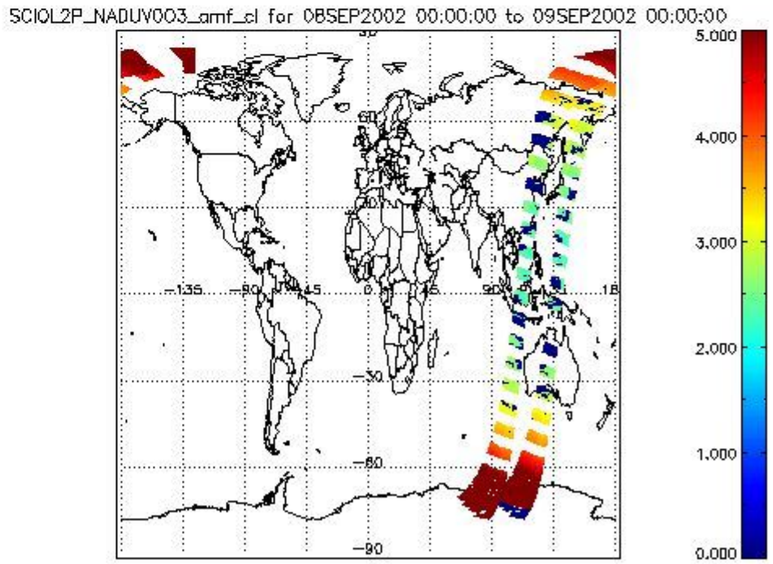

Time trend plot of SCIOL2P_NADUV003_amf_gr [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


Time trend plot of SCIOL2P_NADUV003_amf_cl [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

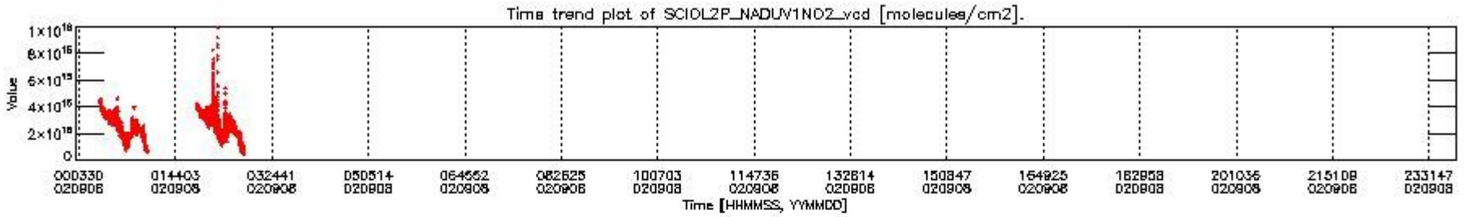

SCIOL2P_NADUV003_vcd for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
1.400E+19
1.200E+19
1.000E+19
8.000E+18
6.000E+18
4.000E+18
2.000E+18
0.000

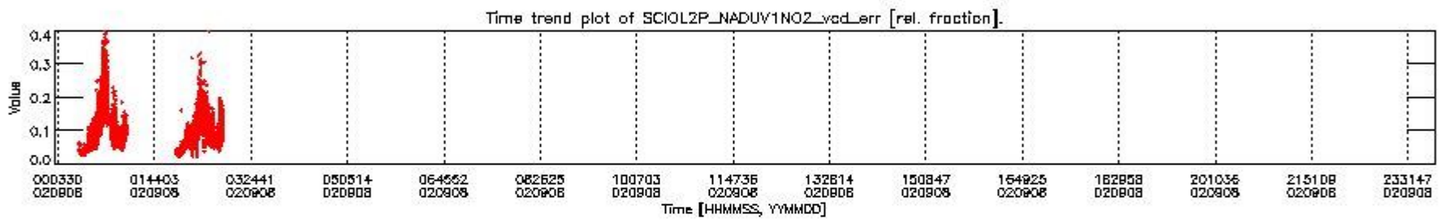

SCIOL2P_NADUV003_vcd_err for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
0.03000
0.02500
0.02000
0.01500
0.010000
0.005000
0.000

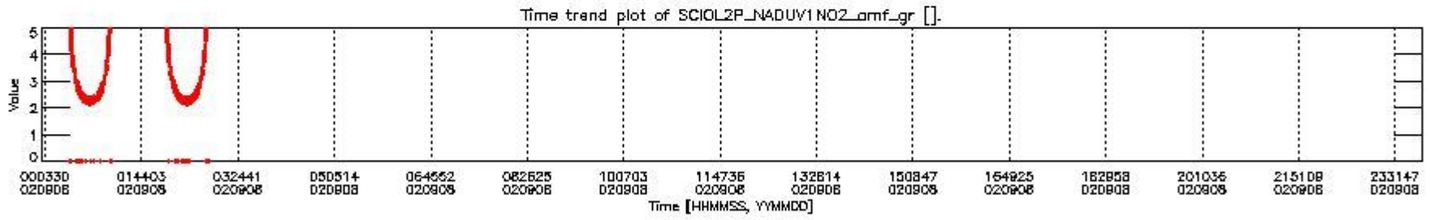

SCIOL2P_NADUV003_amf_gr for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
5.000
4.000
3.000
2.000
1.000
0.000

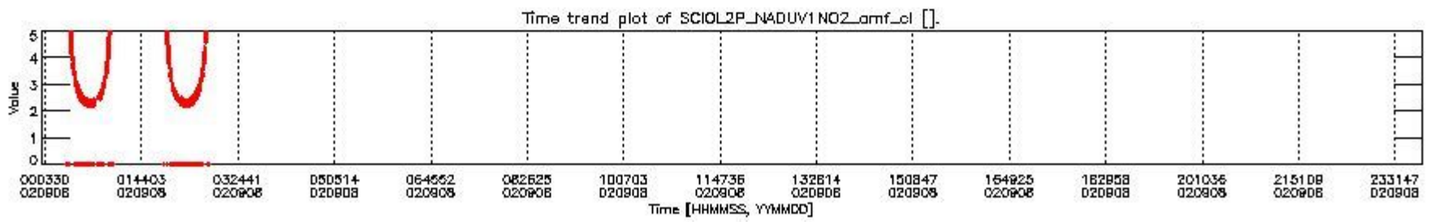

SCIOL2P_NADUV003_amf_cl for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
5.000
4.000
3.000
2.000
1.000
0.000

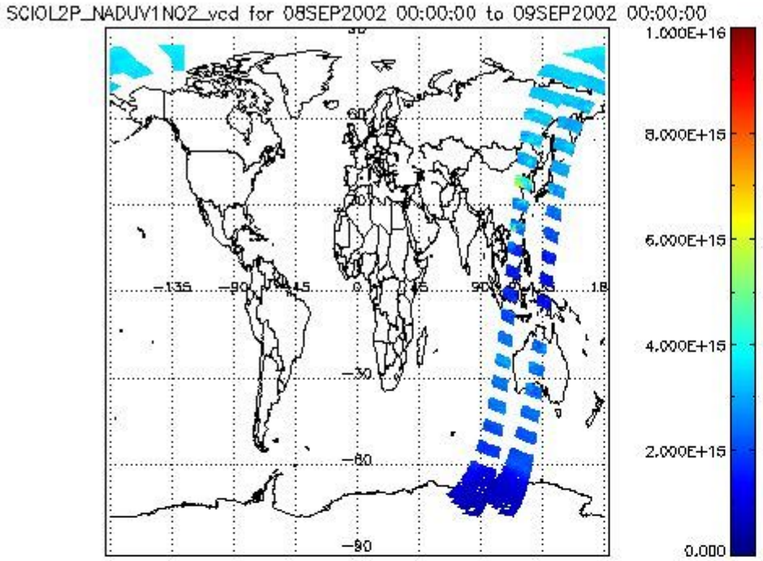
2.2.2.2 NO2 (UV1)

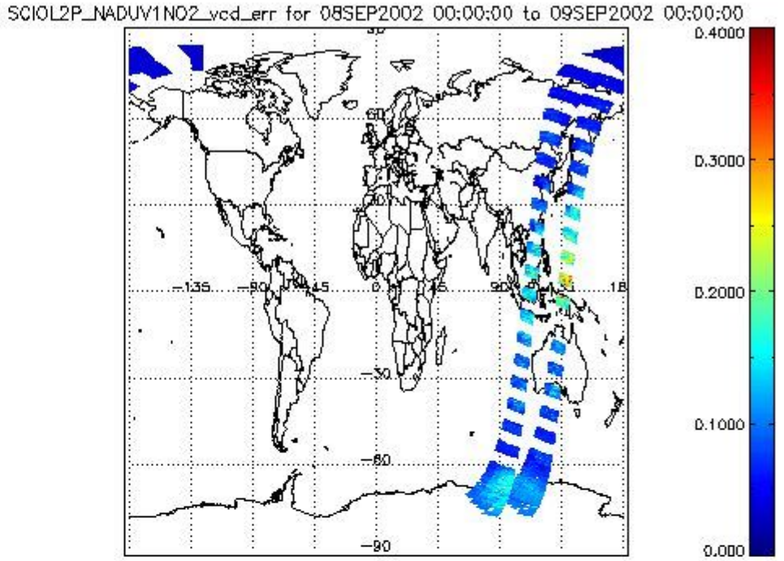

Time trend plot of SCIOL2P_NADUV1NO2_vcd [molecules/cm2].
Value
1x10^16
8x10^15
6x10^15
4x10^15
2x10^15
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

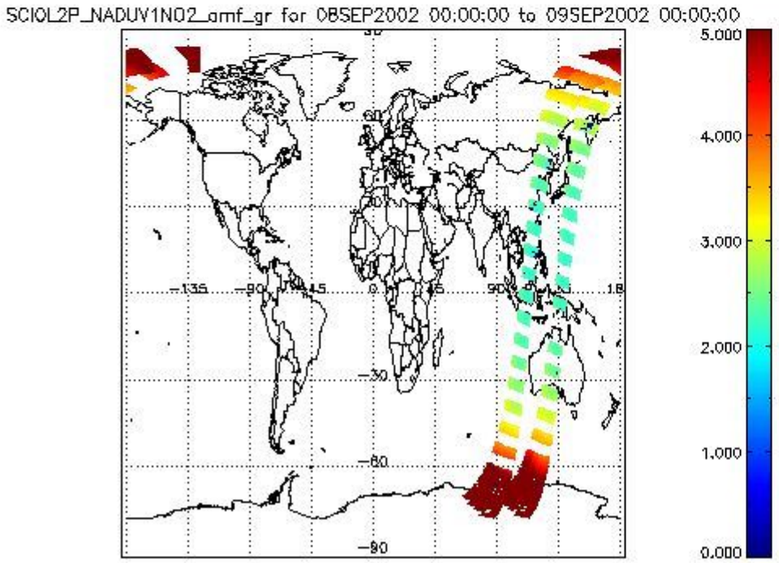

Time trend plot of SCIOL2P_NADUV1NO2_vcd_err [rel. fraction].
Value
0.4
0.3
0.2
0.1
0.0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

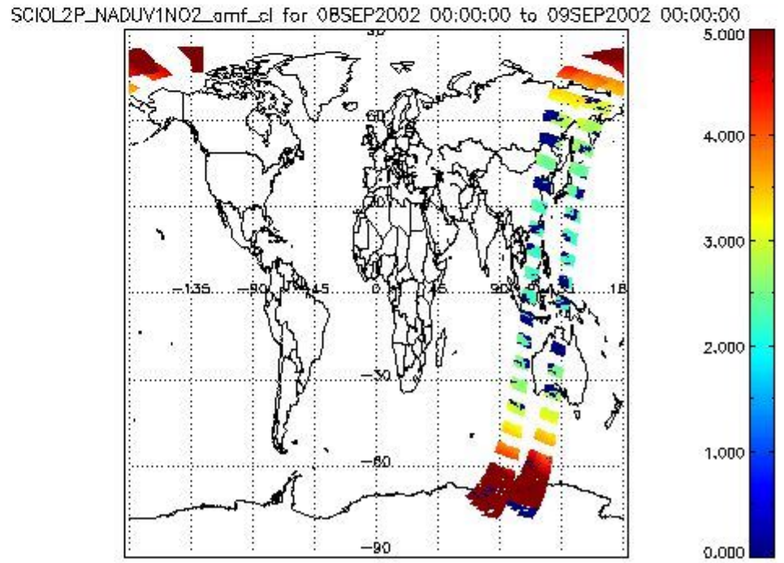

Time trend plot of SCIOL2P_NADUV1NO2_amf_gr [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


Time trend plot of SCIOL2P_NADUV1NO2_amf_cl [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

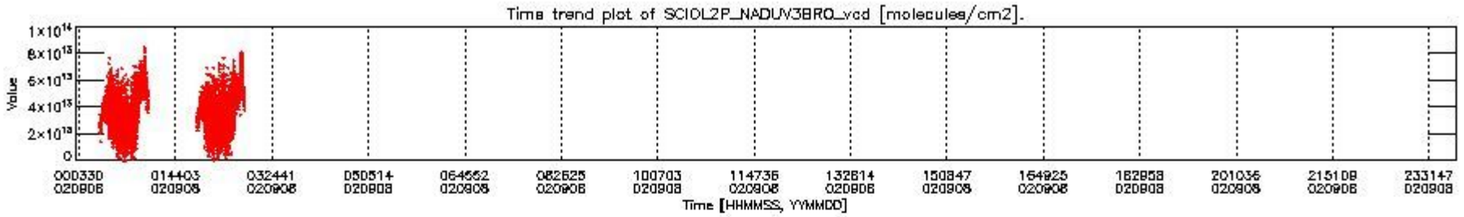

SCIOL2P_NADUV1NO2_vcd for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
1.000E+16
8.000E+15
6.000E+15
4.000E+15
2.000E+15
0.000

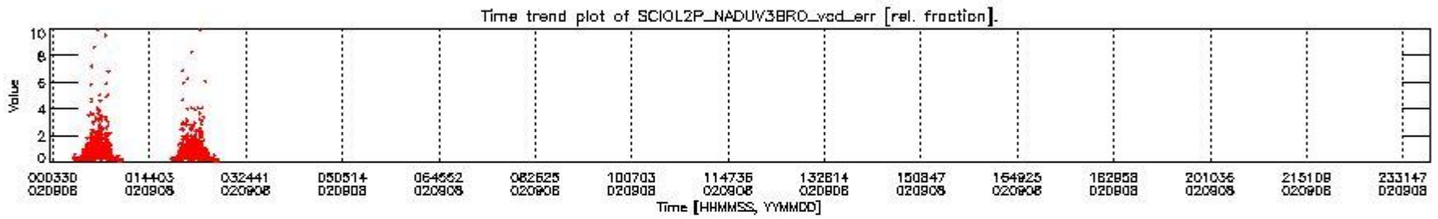

SCIOL2P_NADUV1NO2_vcd_err for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
0.4000
0.3000
0.2000
0.1000
0.000

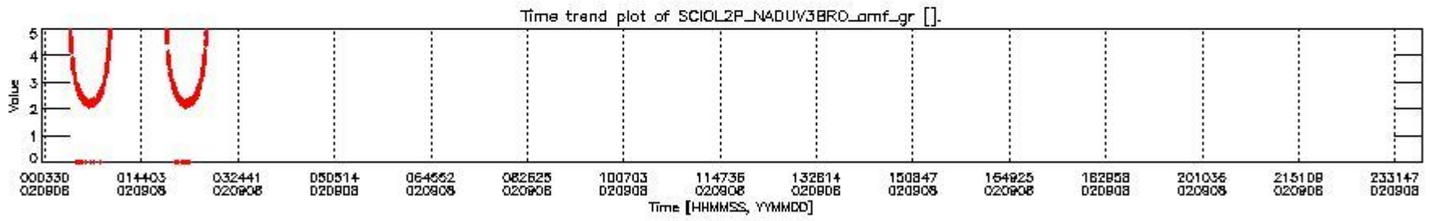

SCIOL2P_NADUV1NO2_amf_gr for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
5.000
4.000
3.000
2.000
1.000
0.000

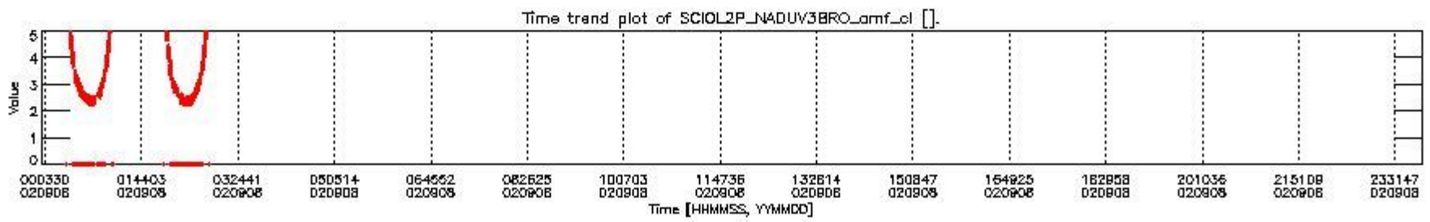

SCIOL2P_NADUV1NO2_amf_cl for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
5.000
4.000
3.000
2.000
1.000
0.000

2.2.2.3 BrO (UV3)

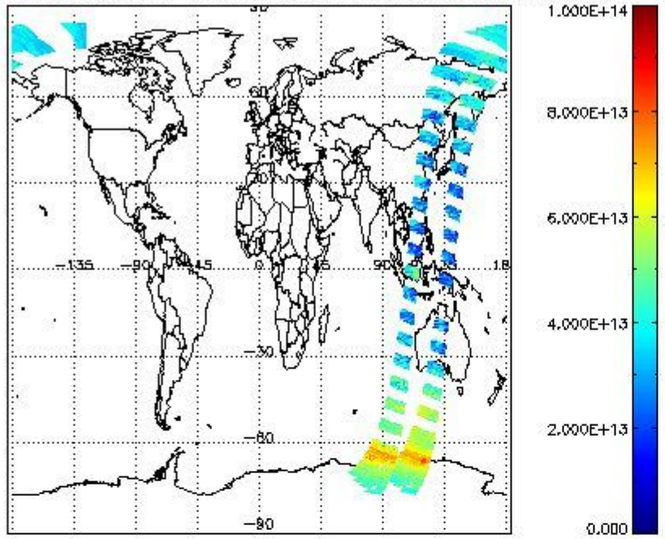

Time trend plot of SCIOL2P_NADUV3BRO_vcd [molecules/cm2].
Value
1x10^14
8x10^13
6x10^13
4x10^13
2x10^13
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


Time trend plot of SCIOL2P_NADUV3BRO_vcd_err [rel. fraction].
Value
10
8
6
4
2
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

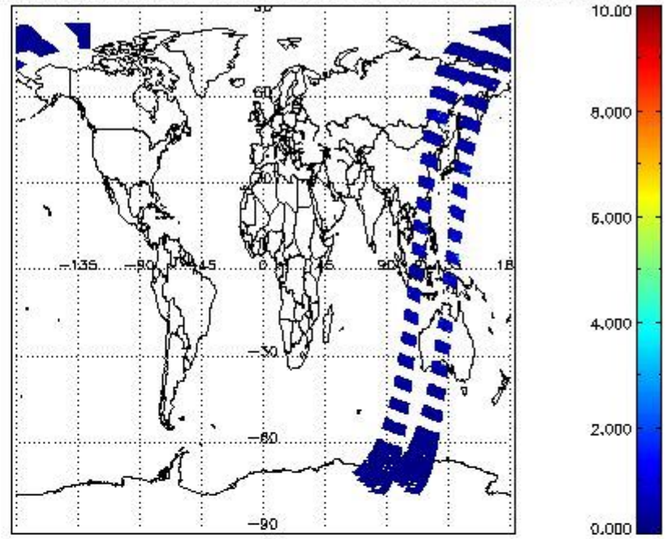

Time trend plot of SCIOL2P_NADUV3BRO_amf_gr [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


Time trend plot of SCIOL2P_NADUV3BRO_amf_cl [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

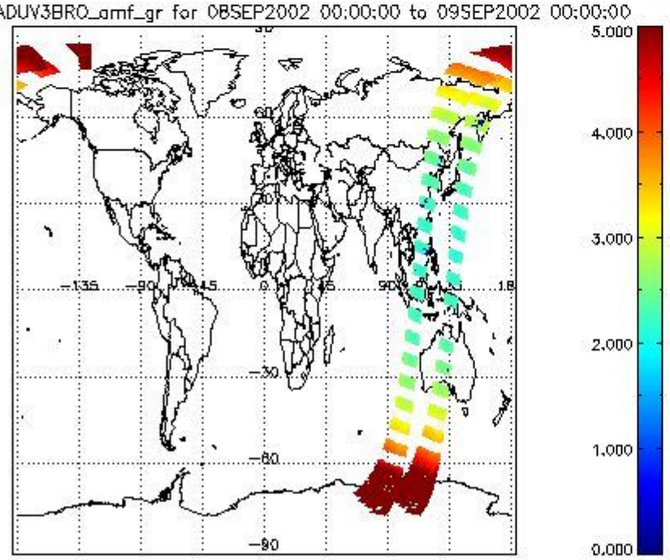
SCIOL2P_NADUV3BRO_vcd for 08SEP2002 00:00:00 to 09SEP2002 00:00:00



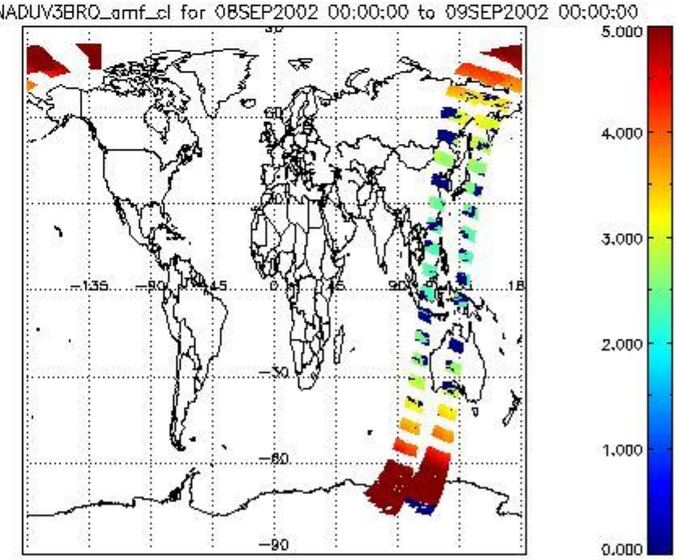
SCIOL2P_NADUV3BRO_vcd_err for 08SEP2002 00:00:00 to 09SEP2002 00:00:00



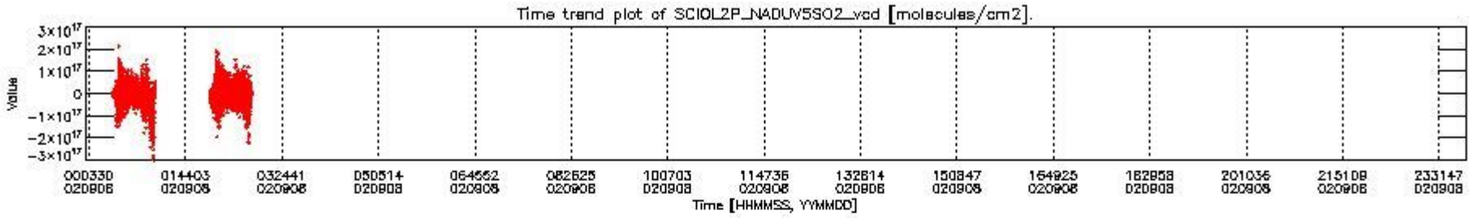
SCIOL2P_NADUV3BRO_amf_gr for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

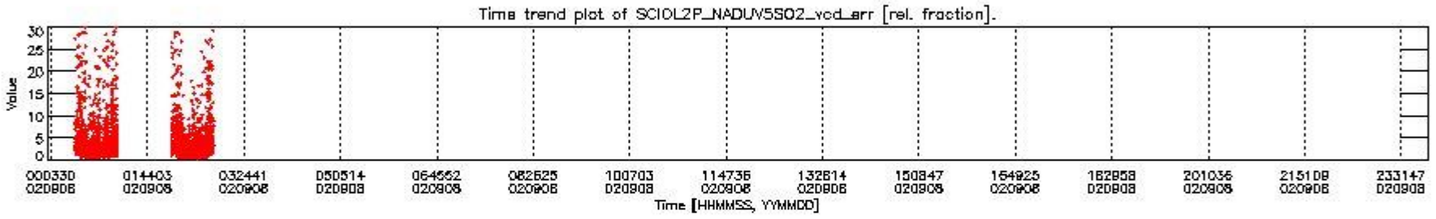


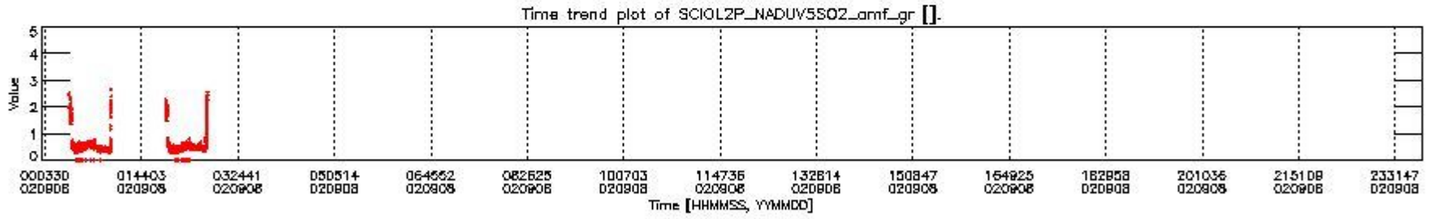
SCIOL2P_NADUV3BRO_amf_cl for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

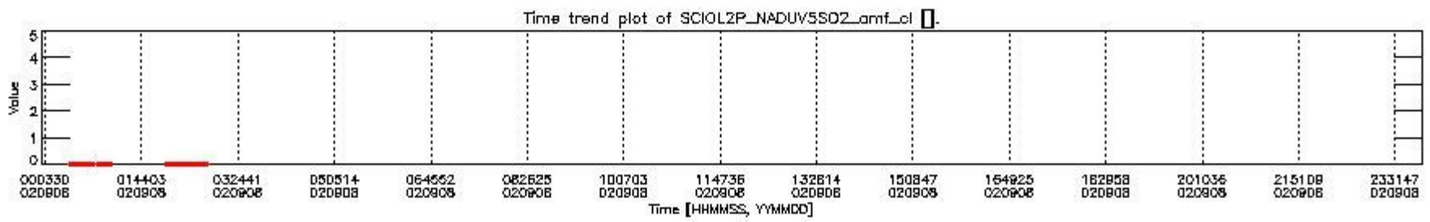


2.2.2.4 SO2 (UV5)

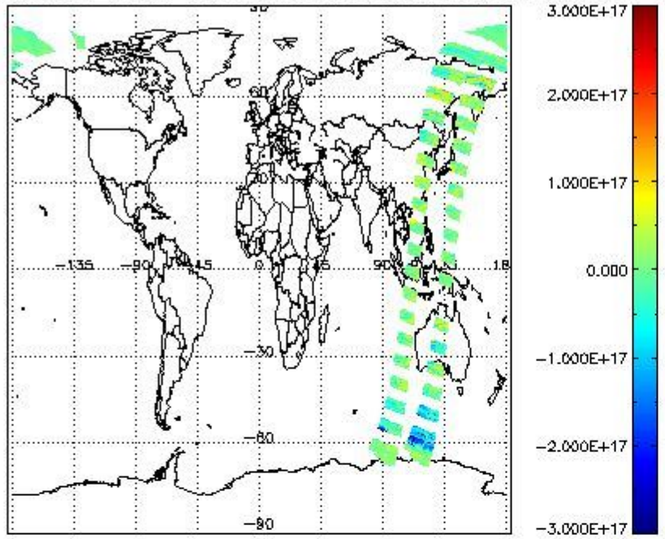

Time trend plot of SCIOL2P_NADUV5SO2_vcd [molecules/cm2].
Value
3x10^17
2x10^17
1x10^17
0
-1x10^17
-2x10^17
-3x10^17
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


Time trend plot of SCIOL2P_NADUV5SO2_vcd_err [rel. fraction].
Value
30
25
20
15
10
5
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

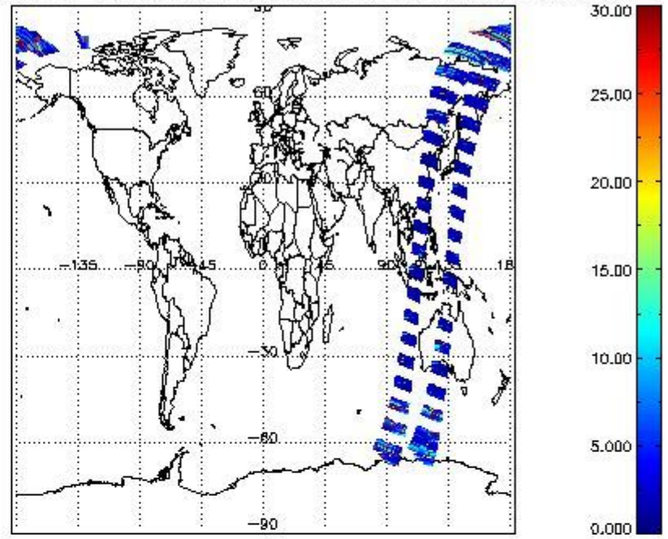

Time trend plot of SCIOL2P_NADUV5SO2_amf_gr [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


Time trend plot of SCIOL2P_NADUV5SO2_amf_cl [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

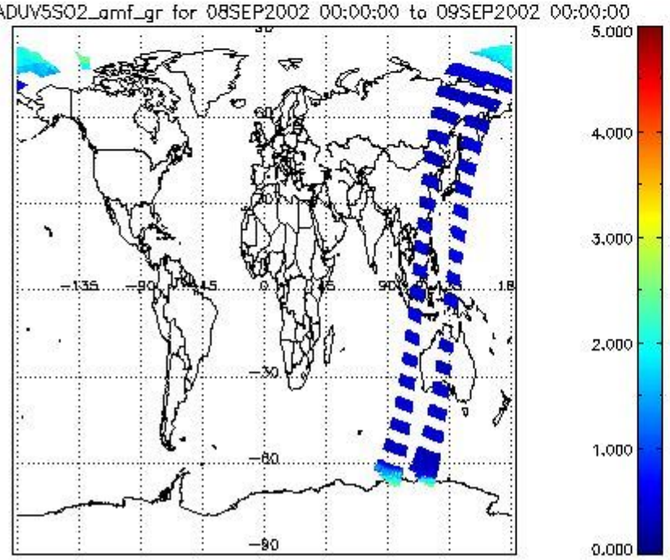
SCIOL2P_NADUV5SO2_vcd for 08SEP2002 00:00:00 to 09SEP2002 00:00:00



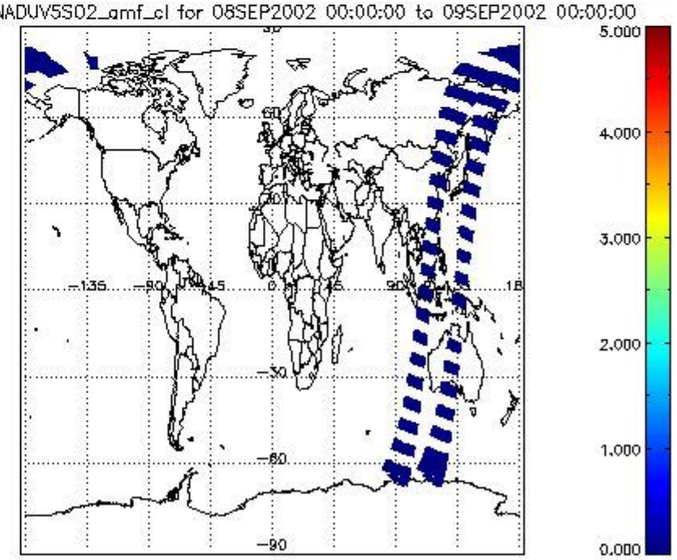
SCIOL2P_NADUV5SO2_vcd_err for 08SEP2002 00:00:00 to 09SEP2002 00:00:00



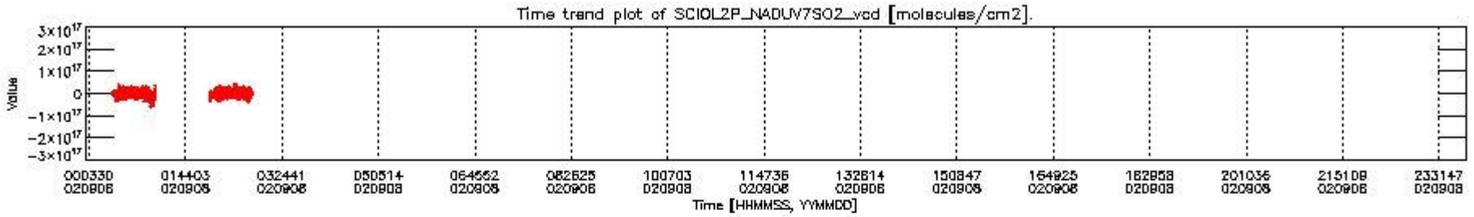
SCIOL2P_NADUV5SO2_amf_gr for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

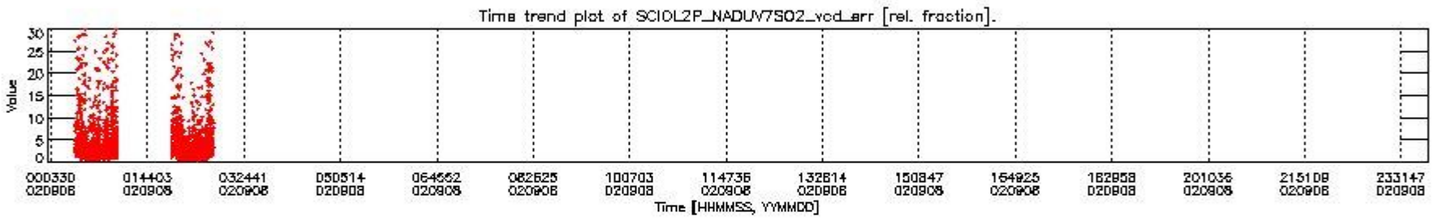


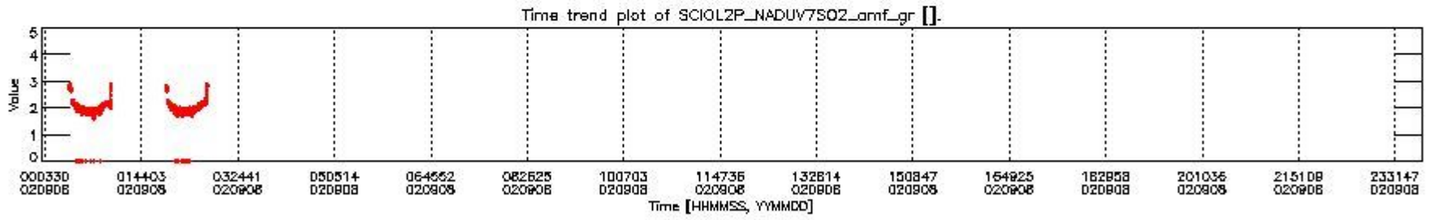
SCIOL2P_NADUV5SO2_amf_cl for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

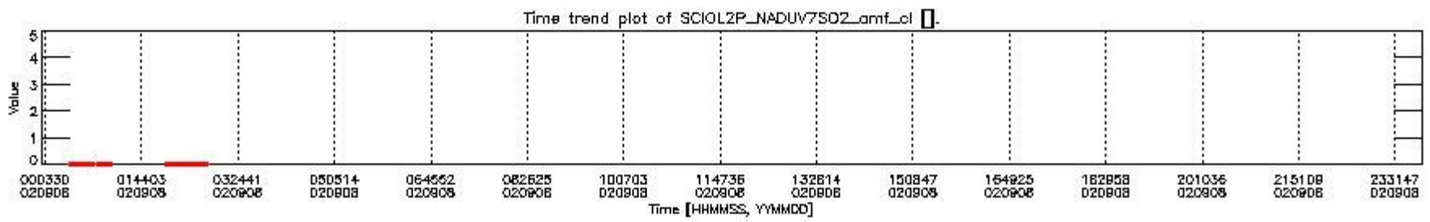


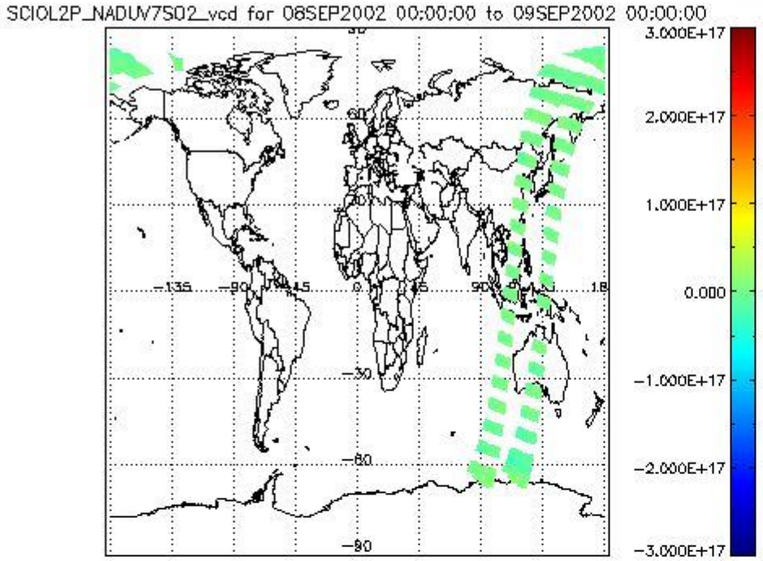
2.2.2.5 SO2 (UV7)

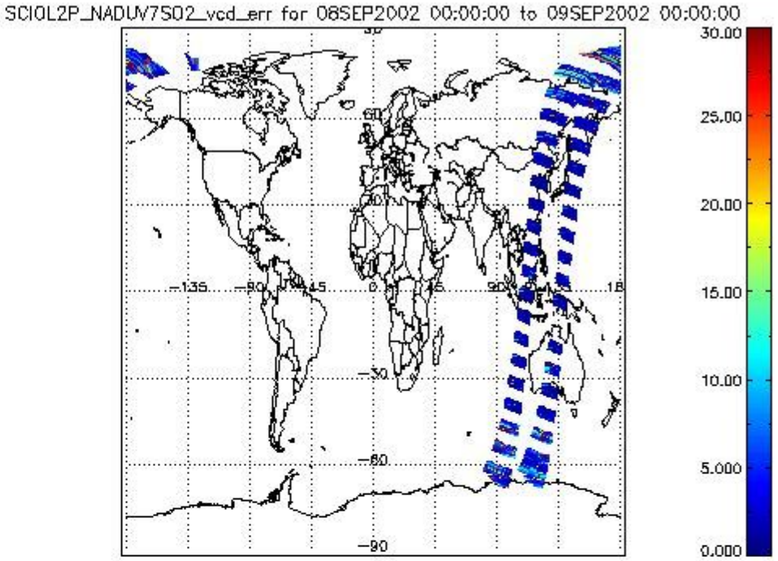

Time trend plot of SCIOL2P_NADUV7SO2_vcd [molecules/cm2].
Value
3x10^17
2x10^17
1x10^17
0
-1x10^17
-2x10^17
-3x10^17
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

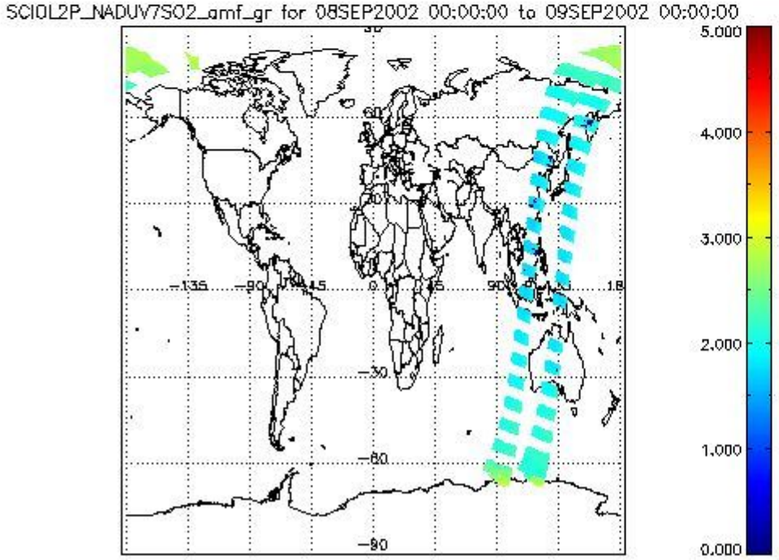

Time trend plot of SCIOL2P_NADUV7SO2_vcd_err [rel. fraction].
Value
30
25
20
15
10
5
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

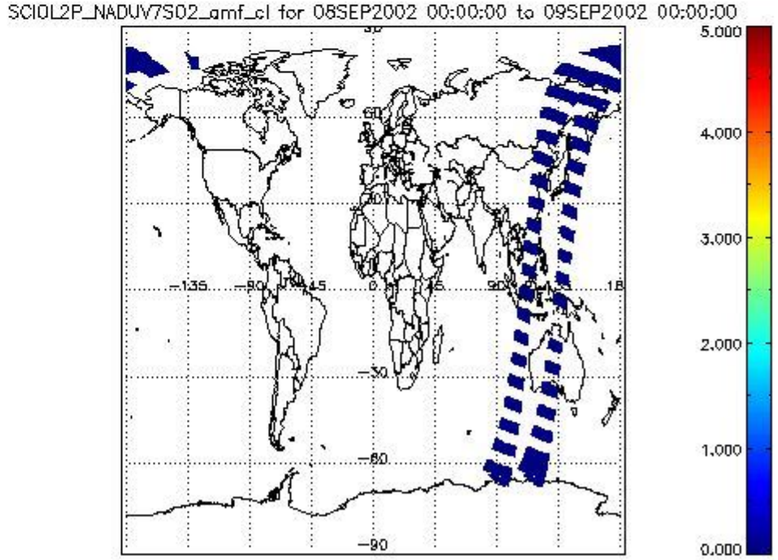

Time trend plot of SCIOL2P_NADUV7SO2_amf_gr [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


Time trend plot of SCIOL2P_NADUV7SO2_amf_cl [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

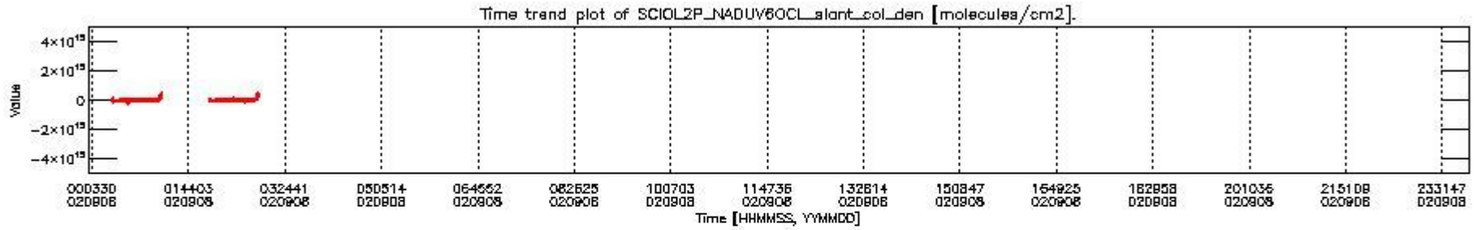


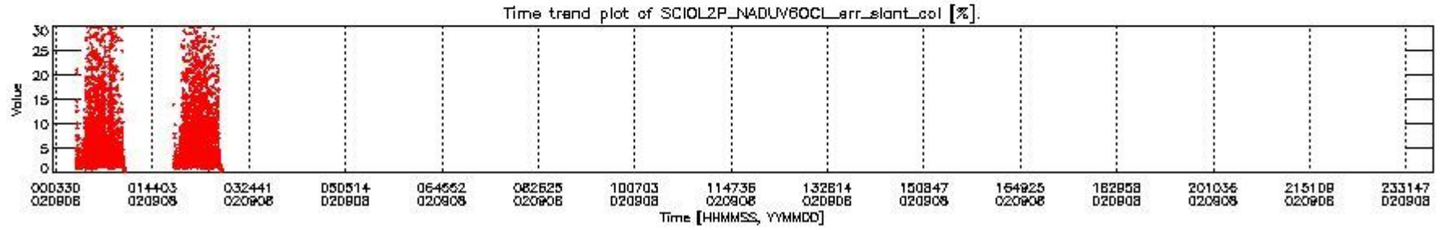


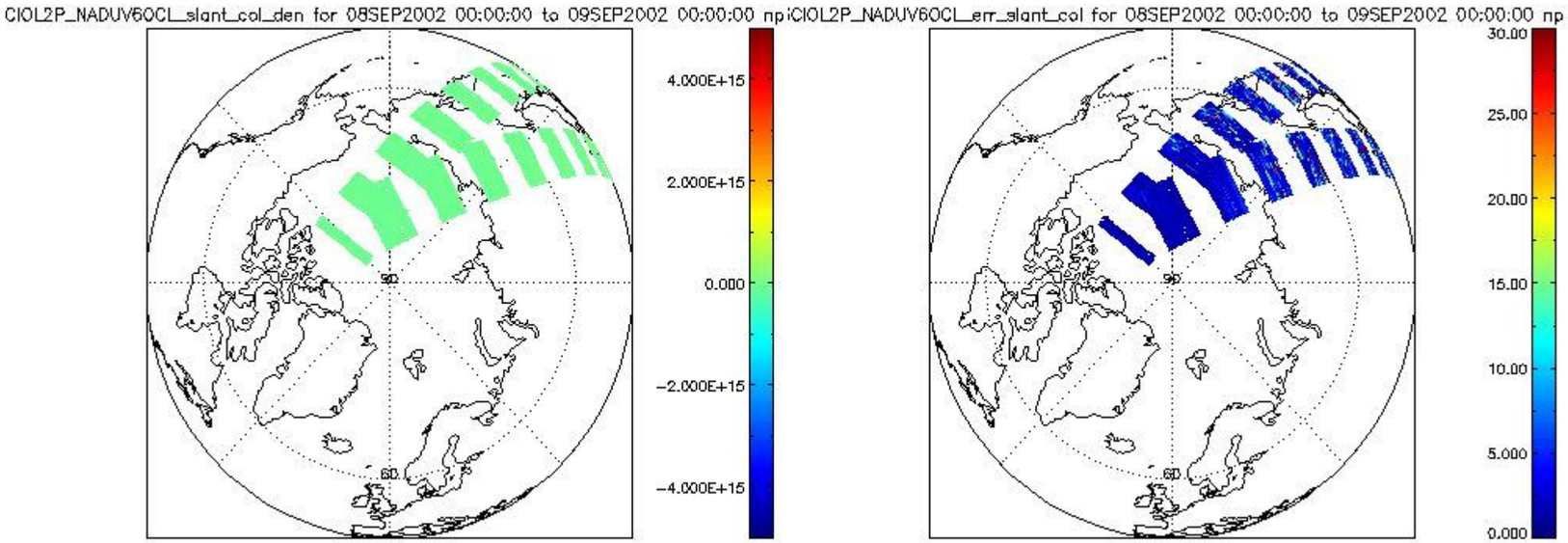


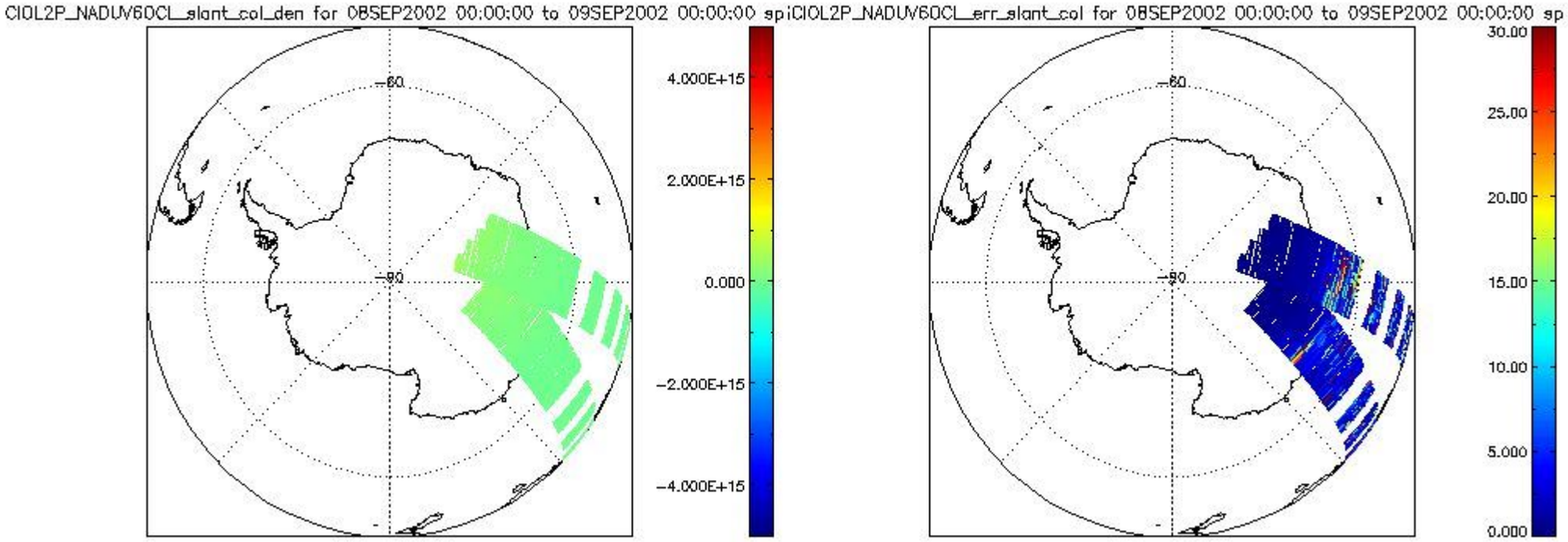


2.2.2.6 OClO (UV6)

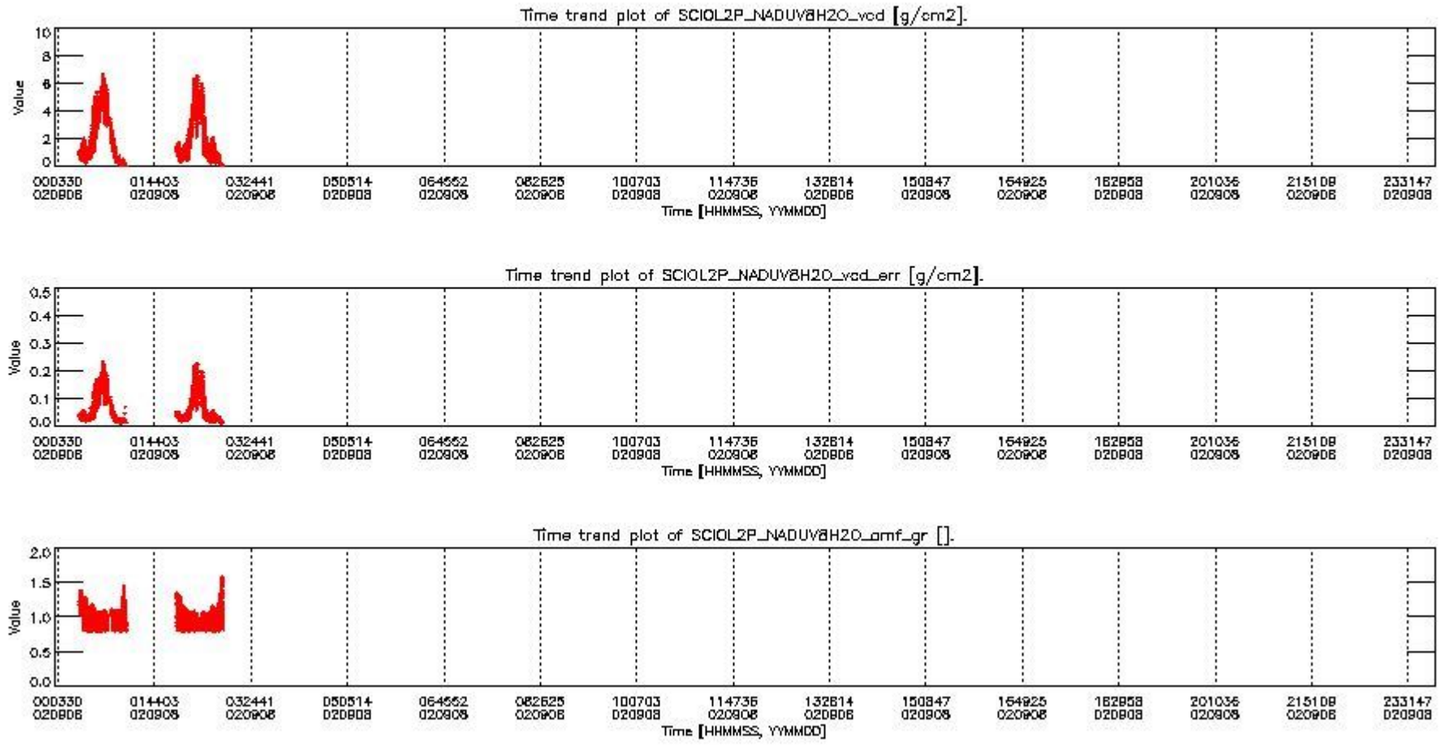

Time trend plot of SCIOL2P_NADUV6OCL_slant_col_den [molecules/cm2].
Value
4×10^15
2×10^15
0
−2×10^15
−4×10^15
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


Time trend plot of SCIOL2P_NADUV6OCL_err_slant_col [%].
Value
30
25
20
15
10
5
0
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

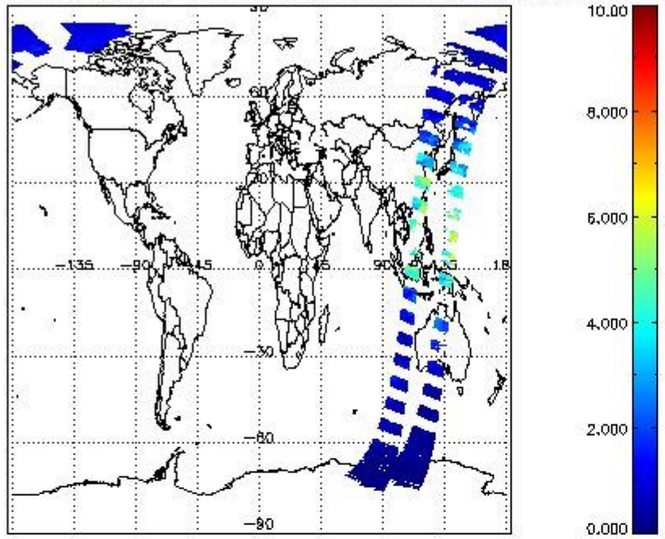

CIOL2P_NADUV6OCL_slant_col_den for 08SEP2002 00:00:00 to 09SEP2002 00:00:00 np
4.000E+15
2.000E+15
0.000
−2.000E+15
−4.000E+15
90
60
CIOL2P_NADUV6OCL_err_slant_col for 08SEP2002 00:00:00 to 09SEP2002 00:00:00 np
30.00
25.00
20.00
15.00
10.00
5.000
0.000
90
60


CIOL2P_NADUV6OCL_slant_col_den for 08SEP2002 00:00:00 to 09SEP2002 00:00:00 spiCIOL2P_NADUV6OCL_err_slant_col for 08SEP2002 00:00:00 to 09SEP2002 00:00:00 sp
-60
-90
4.000E+15
2.000E+15
0.000
-2.000E+15
-4.000E+15
30.00
25.00
20.00
15.00
10.00
5.000
0.000

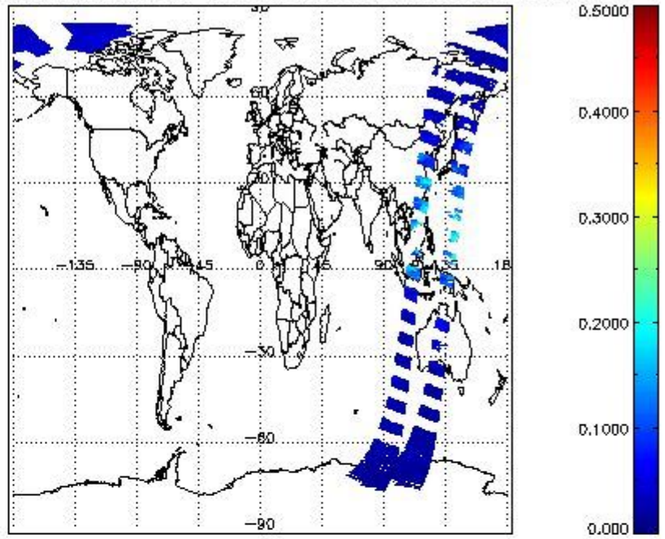
2.2.2.7 H2O (UV8)


Time trend plot of SCIOL2P_NADUV8H2O_vcd [g/cm2].
Value
Time [HHMMSS, YYMMDD]
Time trend plot of SCIOL2P_NADUV8H2O_vcd_err [g/cm2].
Value
Time [HHMMSS, YYMMDD]
Time trend plot of SCIOL2P_NADUV8H2O_amf_gr [].
Value
Time [HHMMSS, YYMMDD]

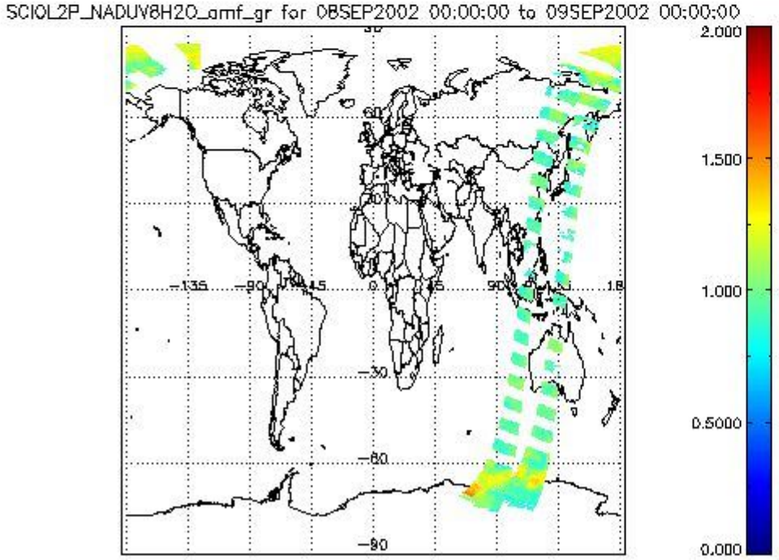
SCIOL2P_NADUV8H2O_vcd for 08SEP2002 00:00:00 to 09SEP2002 00:00:00



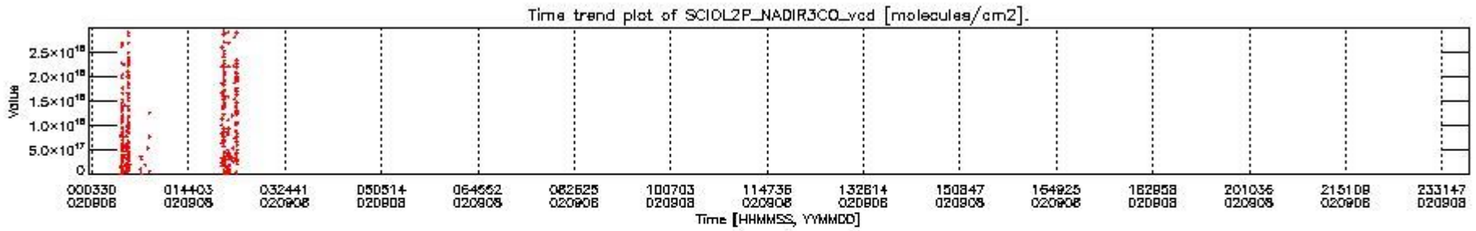
SCIOL2P_NADUV8H2O_vcd_err for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

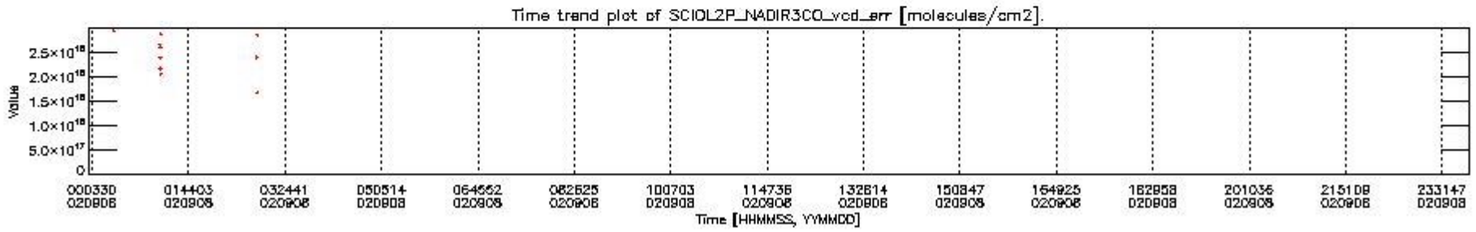


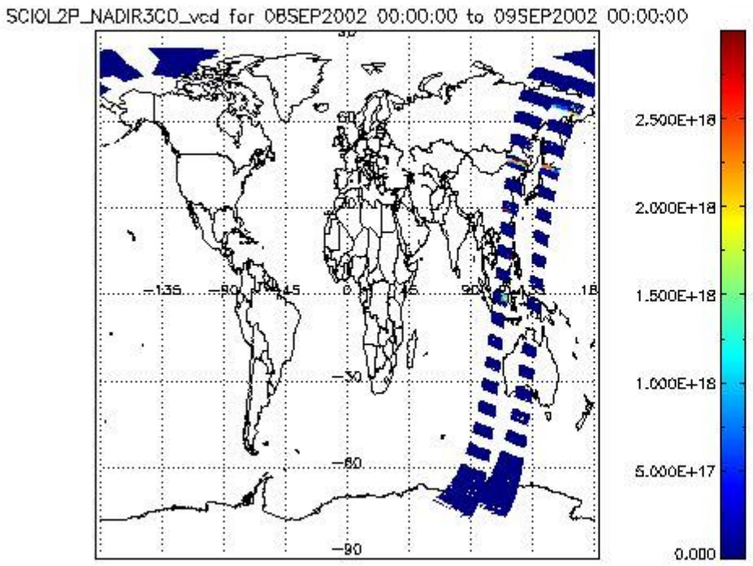
SCIOL2P_NADUV8H2O_amf_gr for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

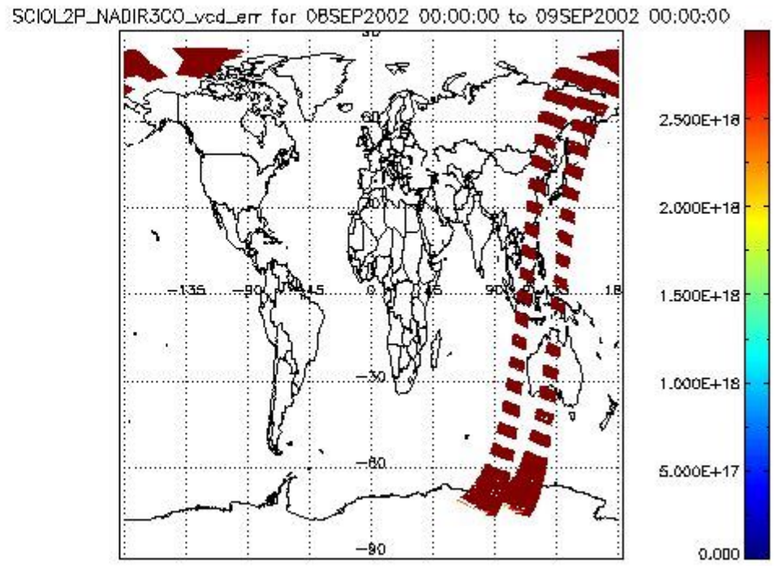


2.2.2.8 CO (IR3)









2.2.3 Limb

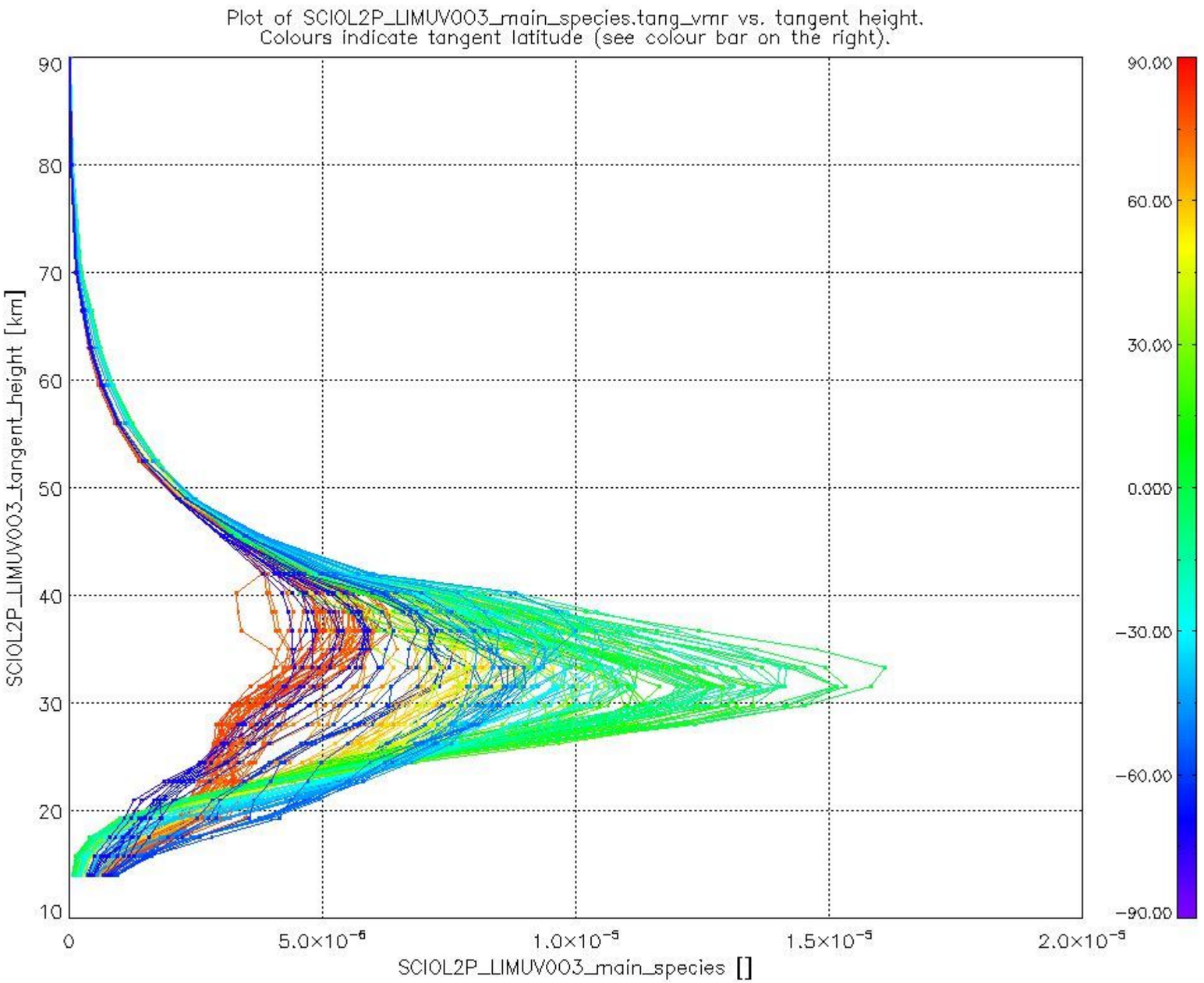
This section shows information about product quality of the limb retrievals, in particular the quality of retrieved species.

The following data items are currently included into this section:

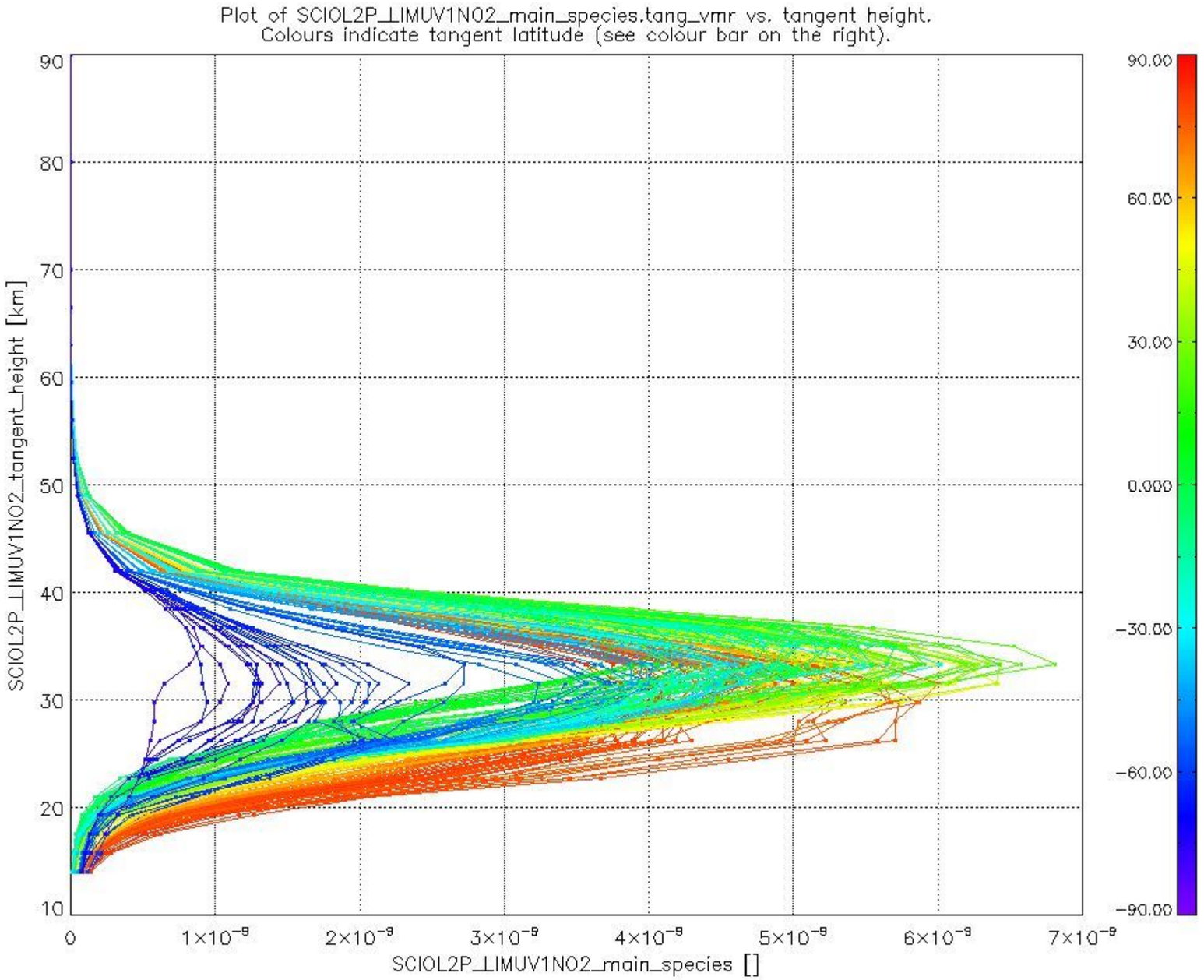
Number	Data item ID
0	SCIOL2P_LIMUV0O3_main_species
1	SCIOL2P_LIMUV1NO2_main_species
2	SCIOL2P_LIMUV3BRO_main_species

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

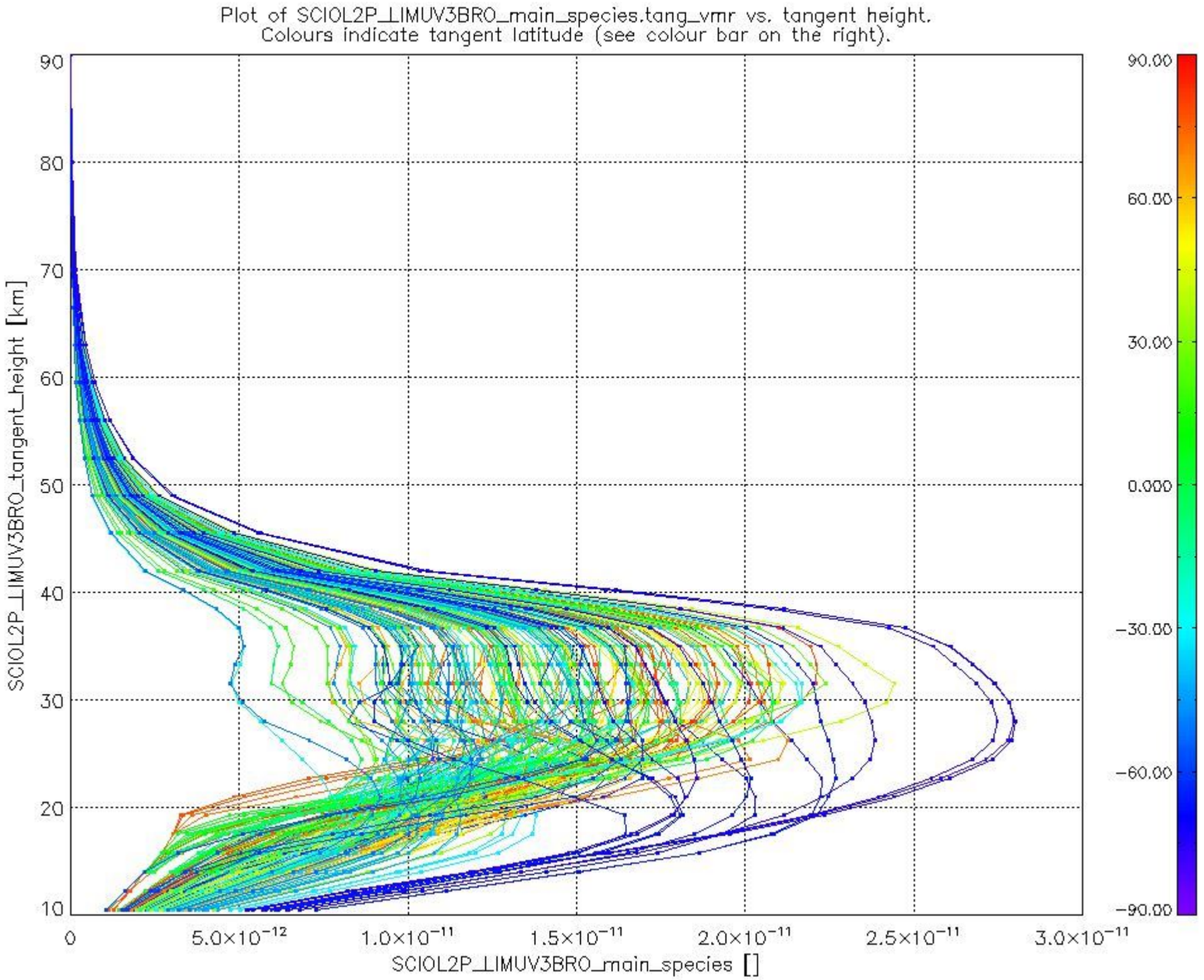
2.2.3.1 O3 (UV0)



2.2.3.2 NO2 (UV1)

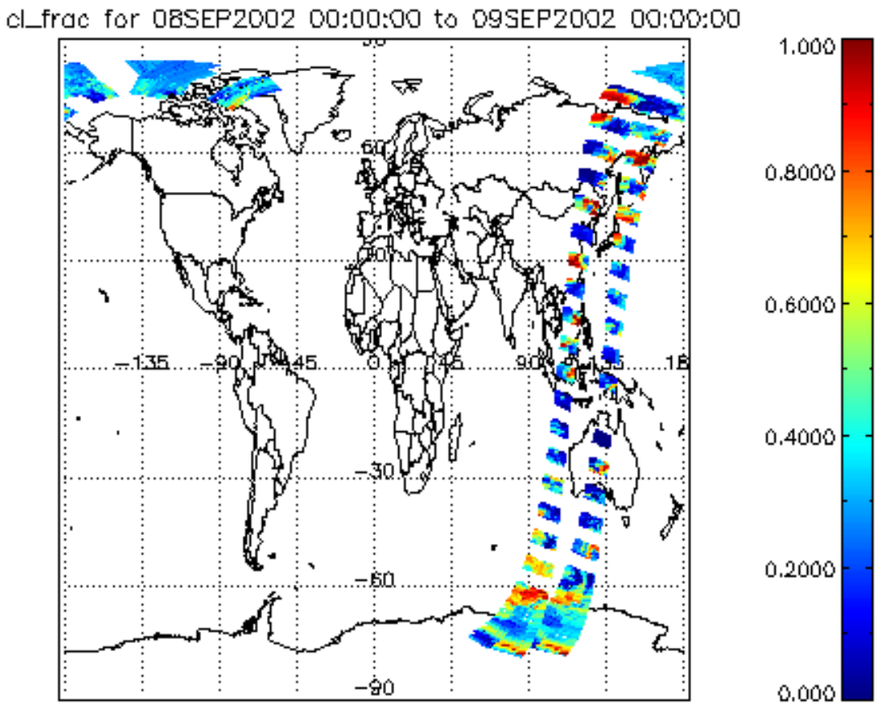

Plot of SCIOL2P_LIMUV1NO2_main_species.tang_vmr vs. tangent height.
Colours indicate tangent latitude (see colour bar on the right).
SCIOL2P_LIMUV1NO2_tangent_height [km]
90
80
70
60
50
40
30
20
10
0
1×10⁻⁹
2×10⁻⁹
3×10⁻⁹
4×10⁻⁹
5×10⁻⁹
6×10⁻⁹
7×10⁻⁹
SCIOL2P_LIMUV1NO2_main_species []
90.00
60.00
30.00
0.000
−30.00
−60.00
−90.00

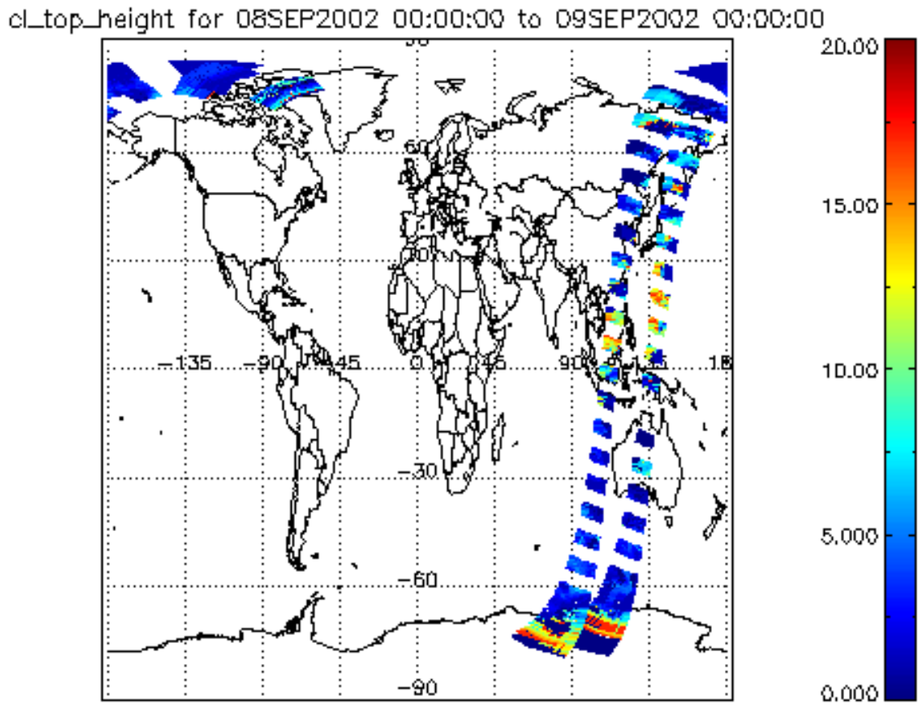
2.2.3.3 BrO (UV3)

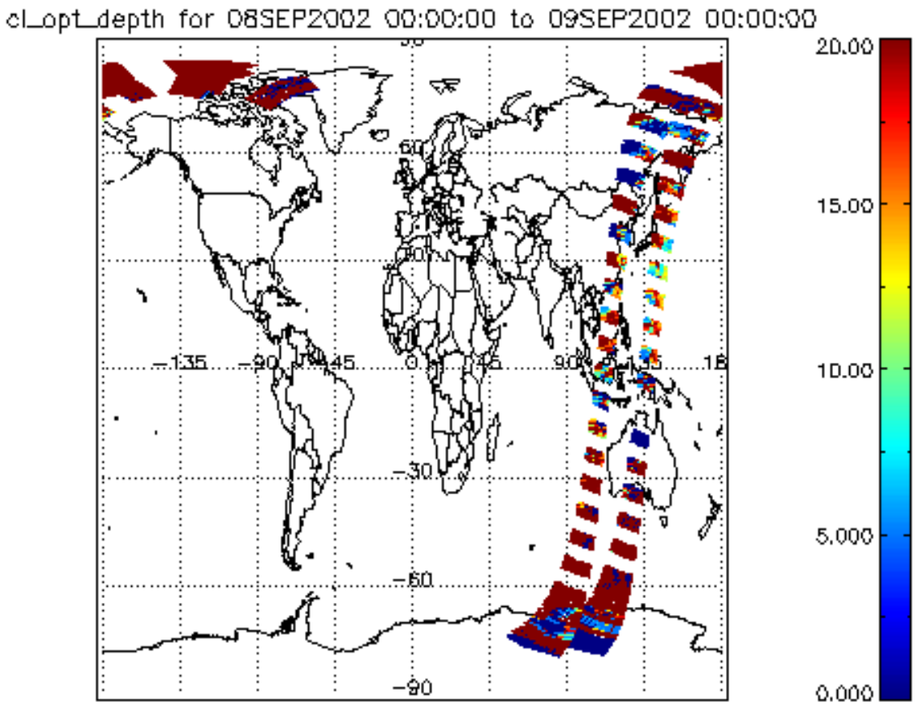


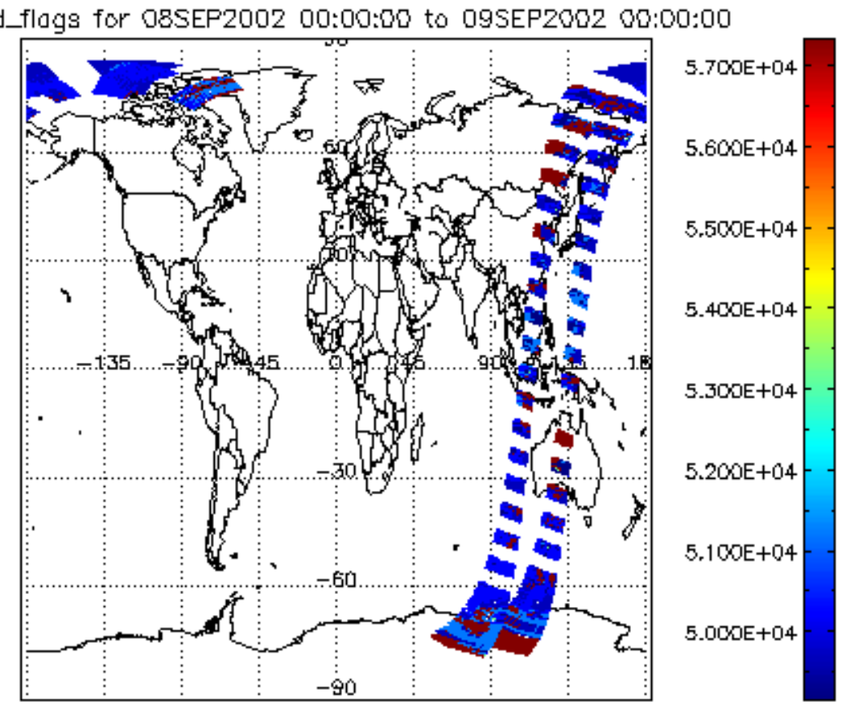
2.3 ADF monitoring

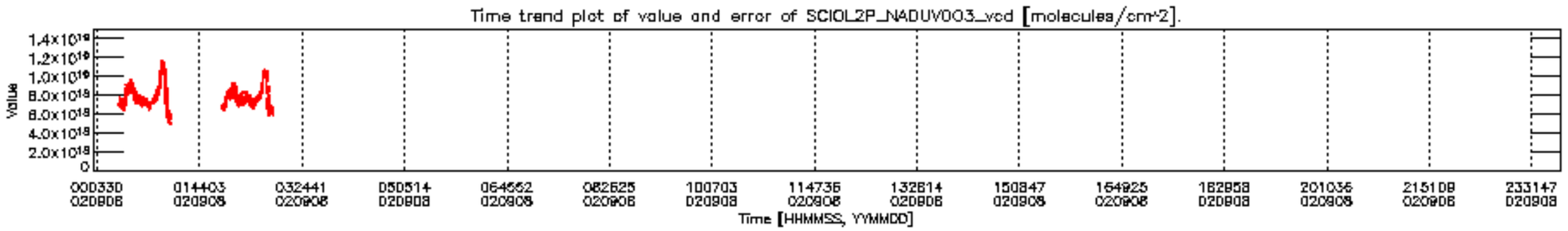
Number	ADF
	IN_ (INITIALISATION_FILE)
0	SCI_IN__AXNPDE20110201_120000_20020301_000000_20991231_235959
	ECF (ECMWF_FILE)
1	NOT USED
	MF1 (M_FACTOR_FILE)
2	**SCI_MF1_AXNIEC20100218_133434_20020907_171040_20020909_171040**
3	**SCI_MF1_AXNIEC20100218_133535_20020908_013340_20020910_013340**

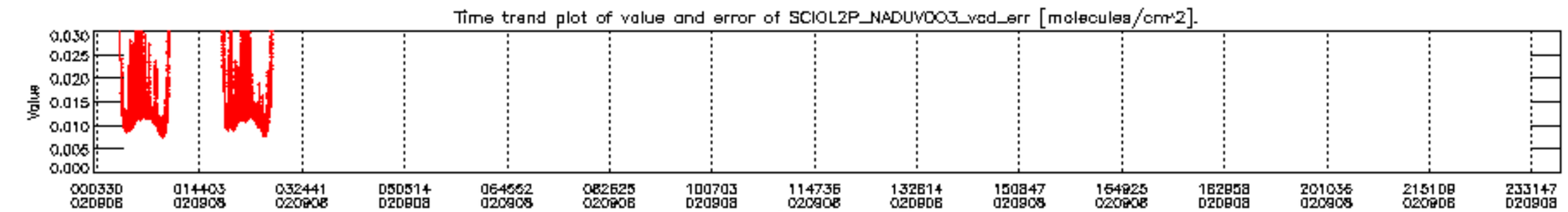

cl_frac for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
1.000
0.8000
0.6000
0.4000
0.2000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

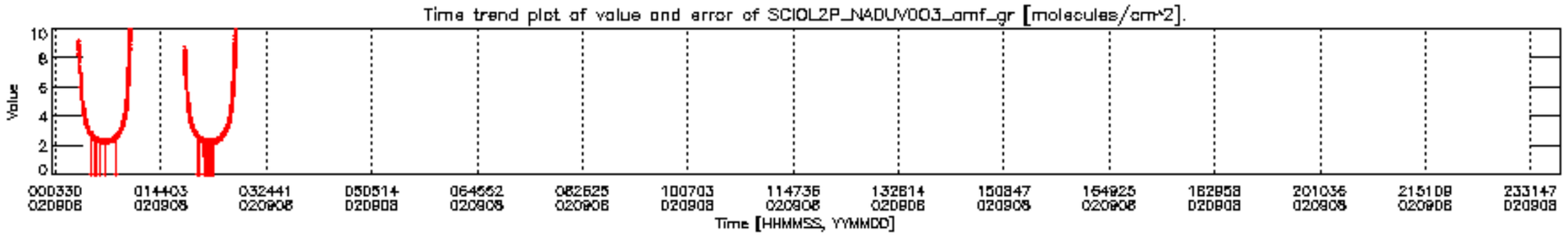

cl_top_height for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
20.00
15.00
10.00
5.000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

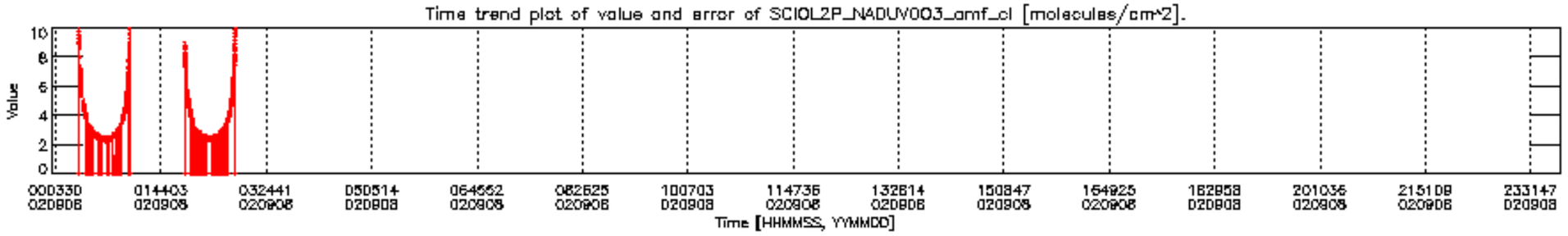

cl_opt_depth for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
20.00
15.00
10.00
5.000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180


cloud_flags for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
5.700E+04
5.600E+04
5.500E+04
5.400E+04
5.300E+04
5.200E+04
5.100E+04
5.000E+04
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

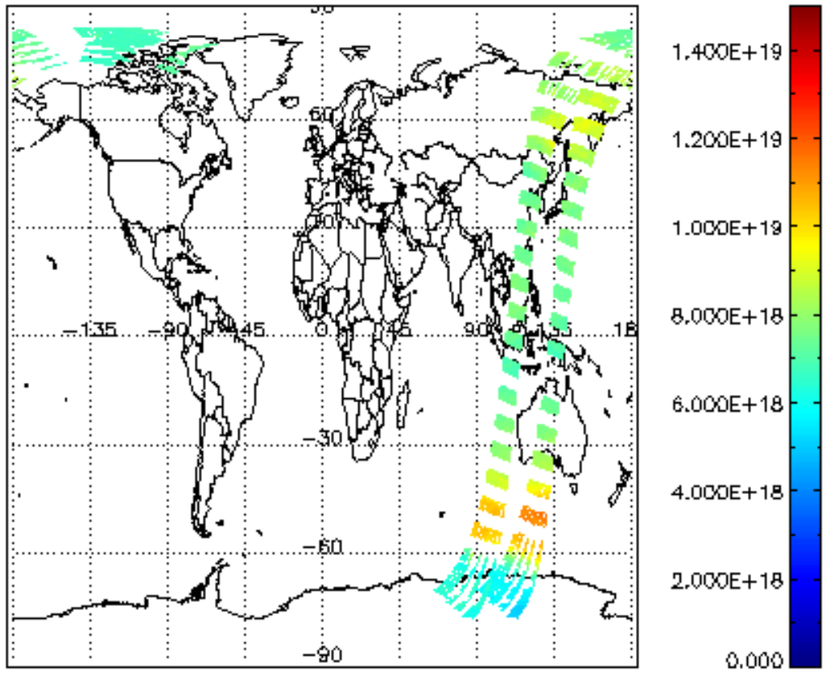

Time trend plot of value and error of SCIOL2P_NADUV003_vcd [molecules/cm^2].
Value
1.4x10^19
1.2x10^19
1.0x10^19
8.0x10^18
6.0x10^18
4.0x10^18
2.0x10^18
0
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


Time trend plot of value and error of SCIOL2P_NADUV003_vcd_err [molecules/cm^2].
Value
0.030
0.025
0.020
0.015
0.010
0.005
0.000
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

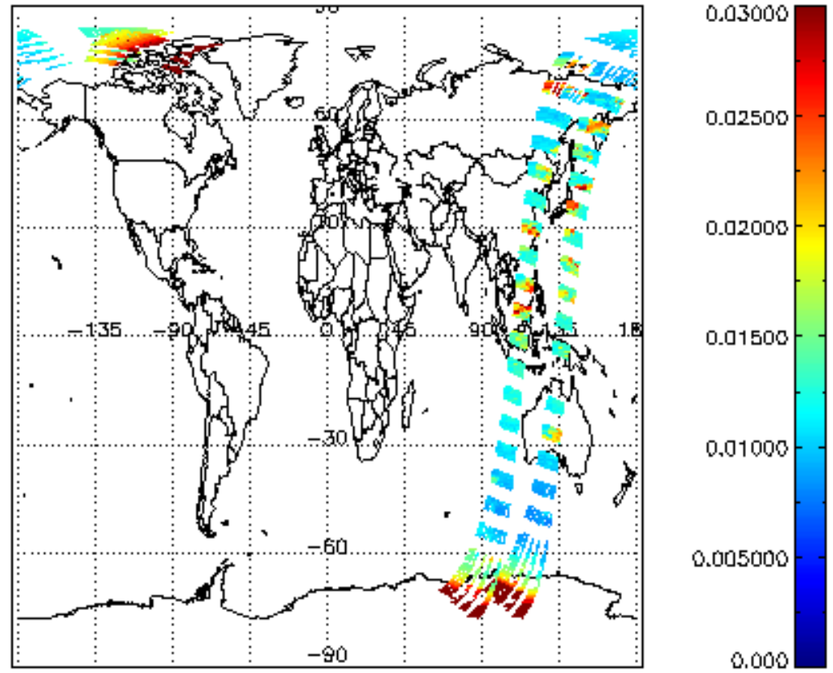

Time trend plot of value and error of SCIOL2P_NADUV003_amf_gr [molecules/cm^2].
Value
10
8
6
4
2
0
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


Time trend plot of value and error of SCIOL2P_NADUV003_amf_cl [molecules/cm^2].
Value
10
8
6
4
2
0
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

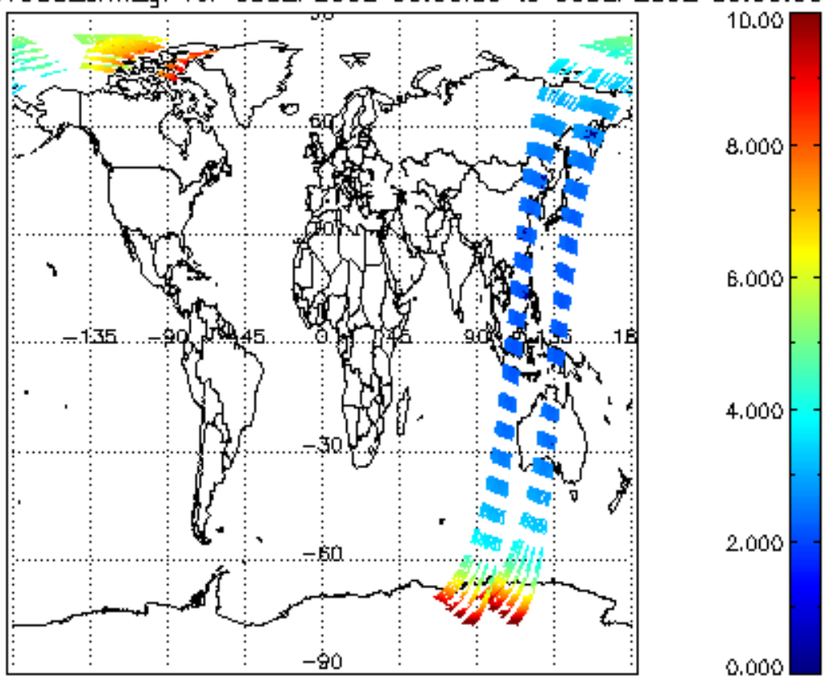
SCIOL2P_NADUV003_vcd for 08SEP2002 00:00:00 to 09SEP2002 00:00:00



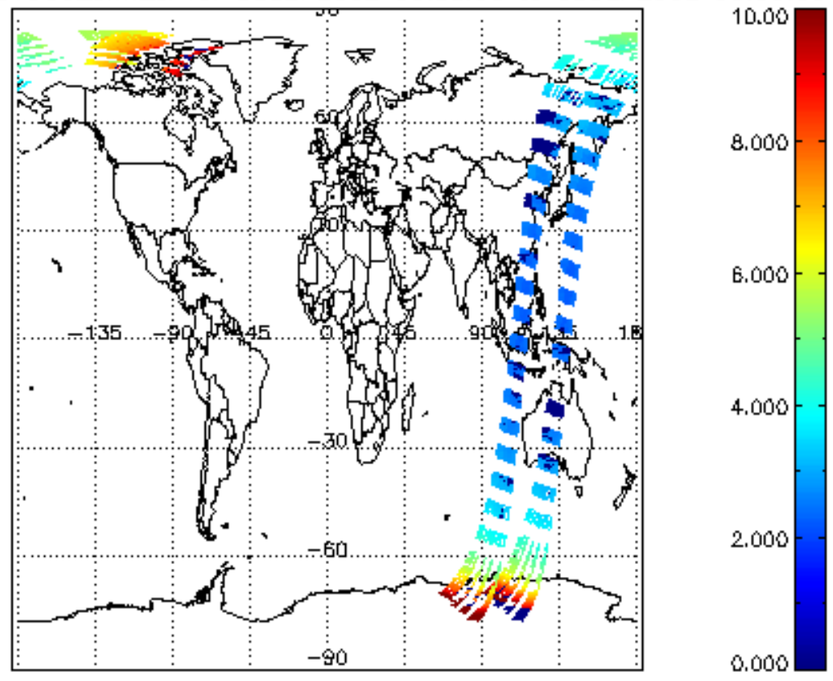
SCIOL2P_NADUV003_vcd_err for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

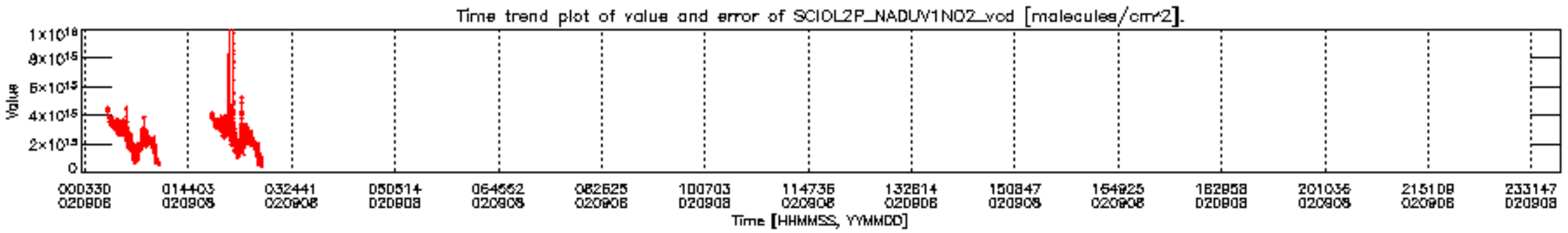


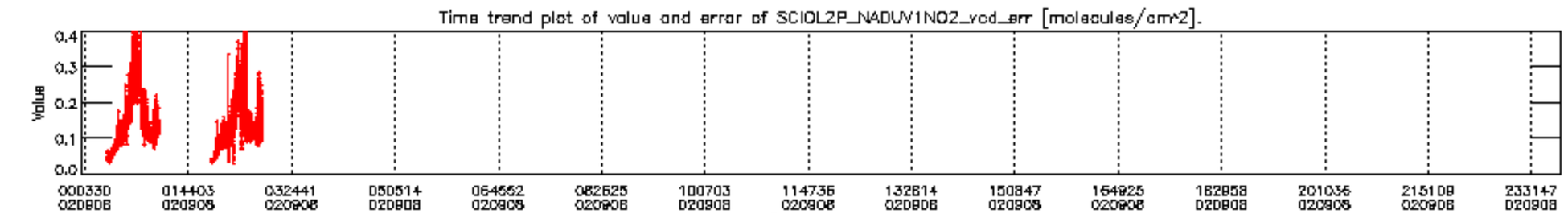
SCIOL2P_NADUV003_amf_gr for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

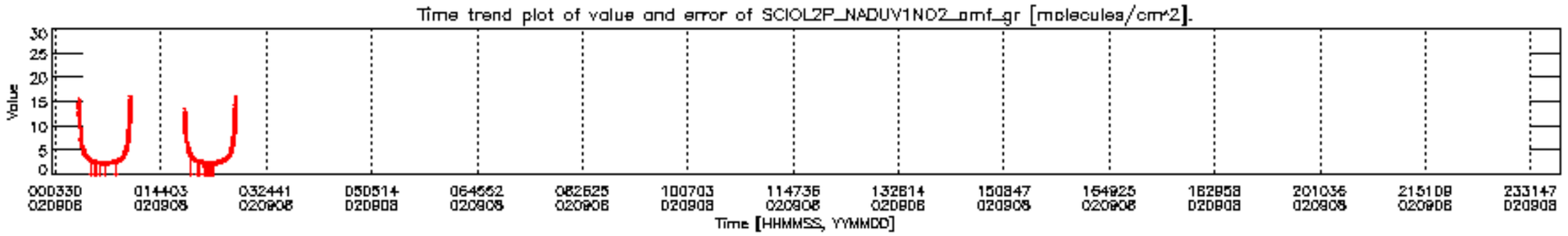


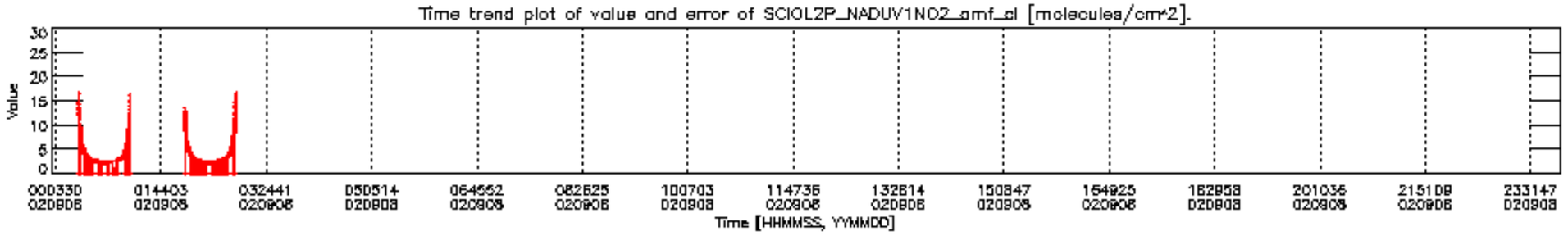
SCIOL2P_NADUV003_amf_cl for 08SEP2002 00:00:00 to 09SEP2002 00:00:00



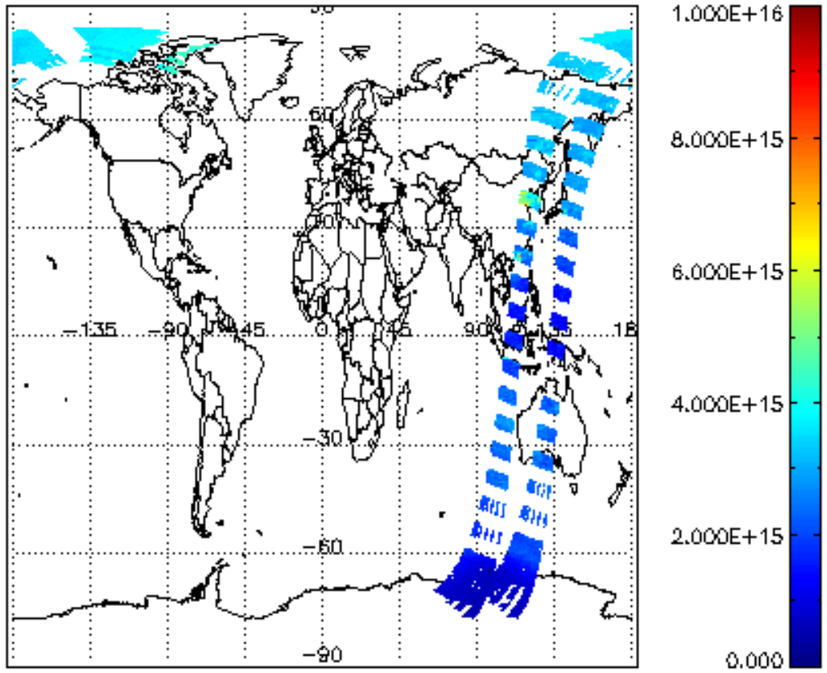

Time trend plot of value and error of SCIOL2P_NADUV1NO2_vcd [molecules/cm^2].
Value
1x10^16
8x10^15
6x10^15
4x10^15
2x10^15
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


Time trend plot of value and error of SCIOL2P_NADUV1NO2_vcd_err [molecules/cm^2].
Value
0.4
0.3
0.2
0.1
0.0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

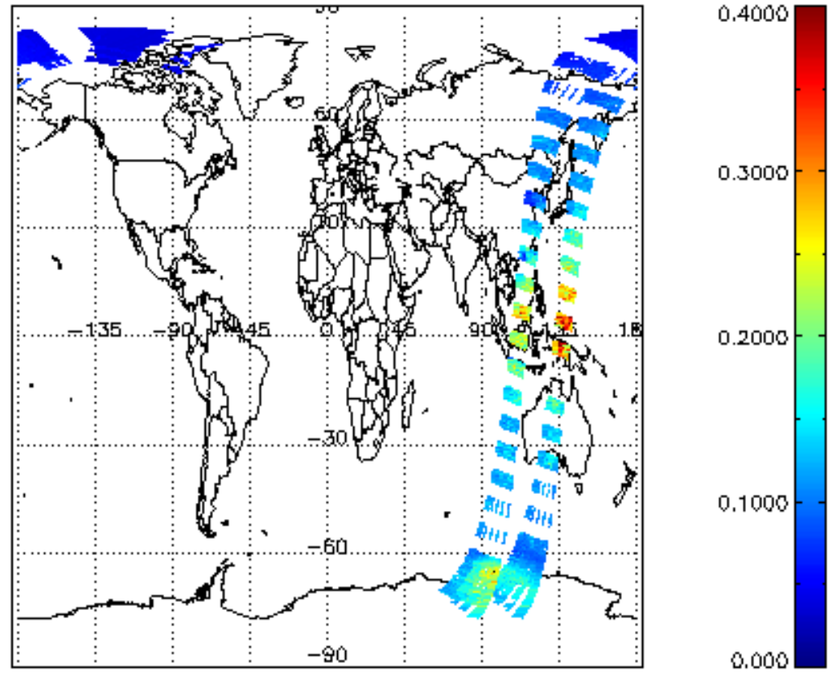

Time trend plot of value and error of SCIOL2P_NADUV1NO2_amf_gr [molecules/cm^2].
Value
30
25
20
15
10
5
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


Time trend plot of value and error of SCIOL2P_NADUV1NO2_amf_cl [molecules/cm^2].
Value
30
25
20
15
10
5
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

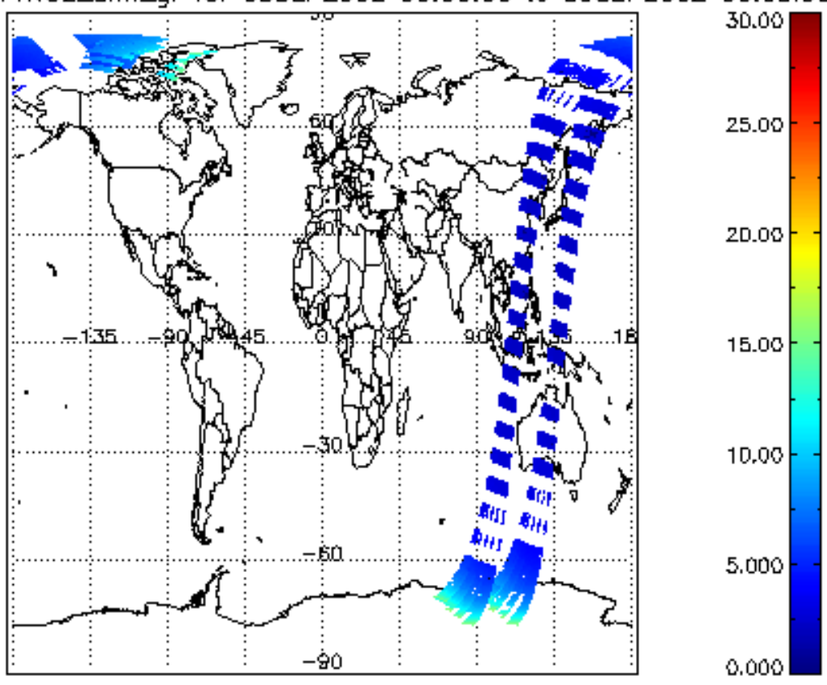
SCIDL2P_NADUV1NO2_vcd for 08SEP2002 00:00:00 to 09SEP2002 00:00:00



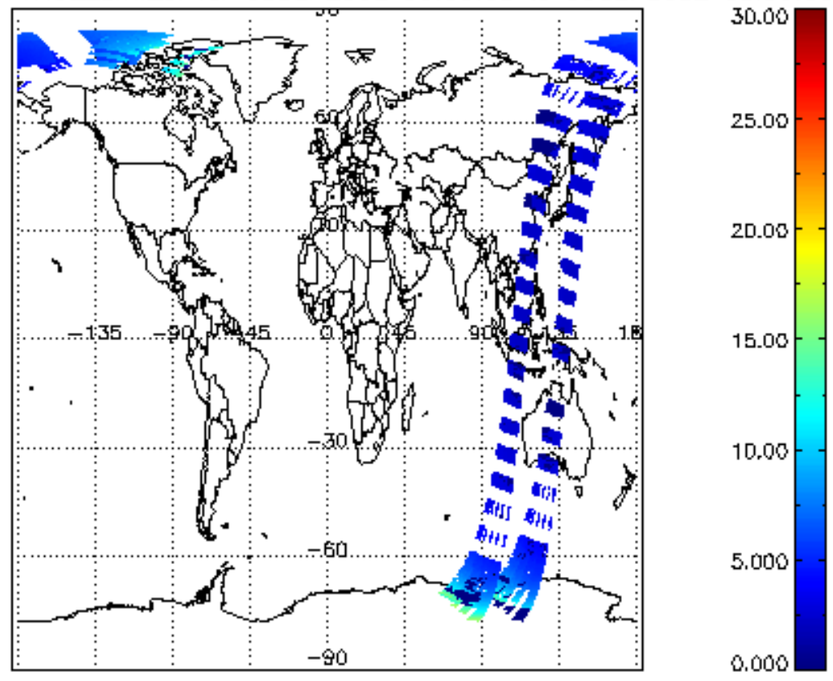
iCIOL2P_NADUV1NO2_vcd_err for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

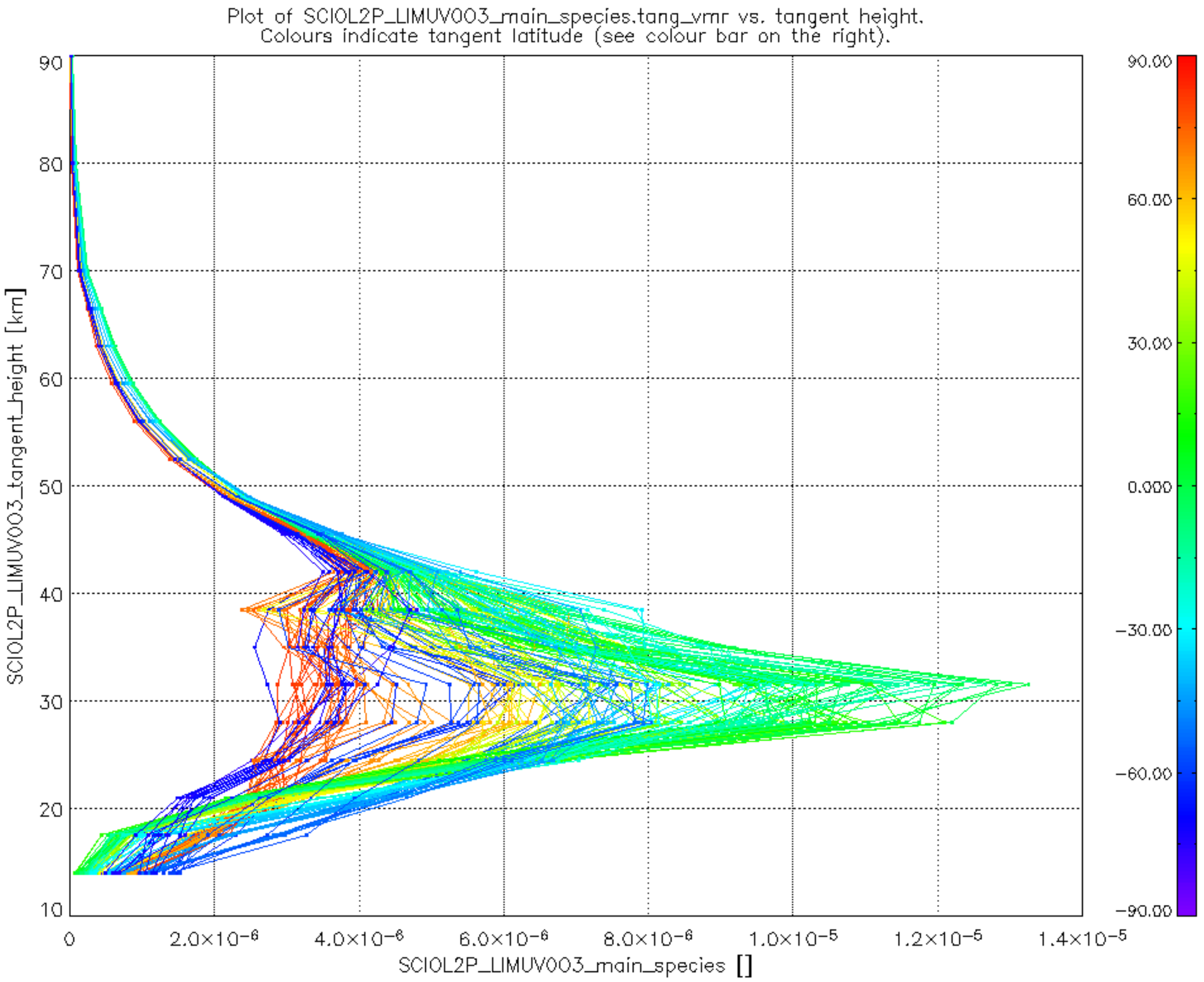


iCIOL2P_NADUV1NO2_amf_gr for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

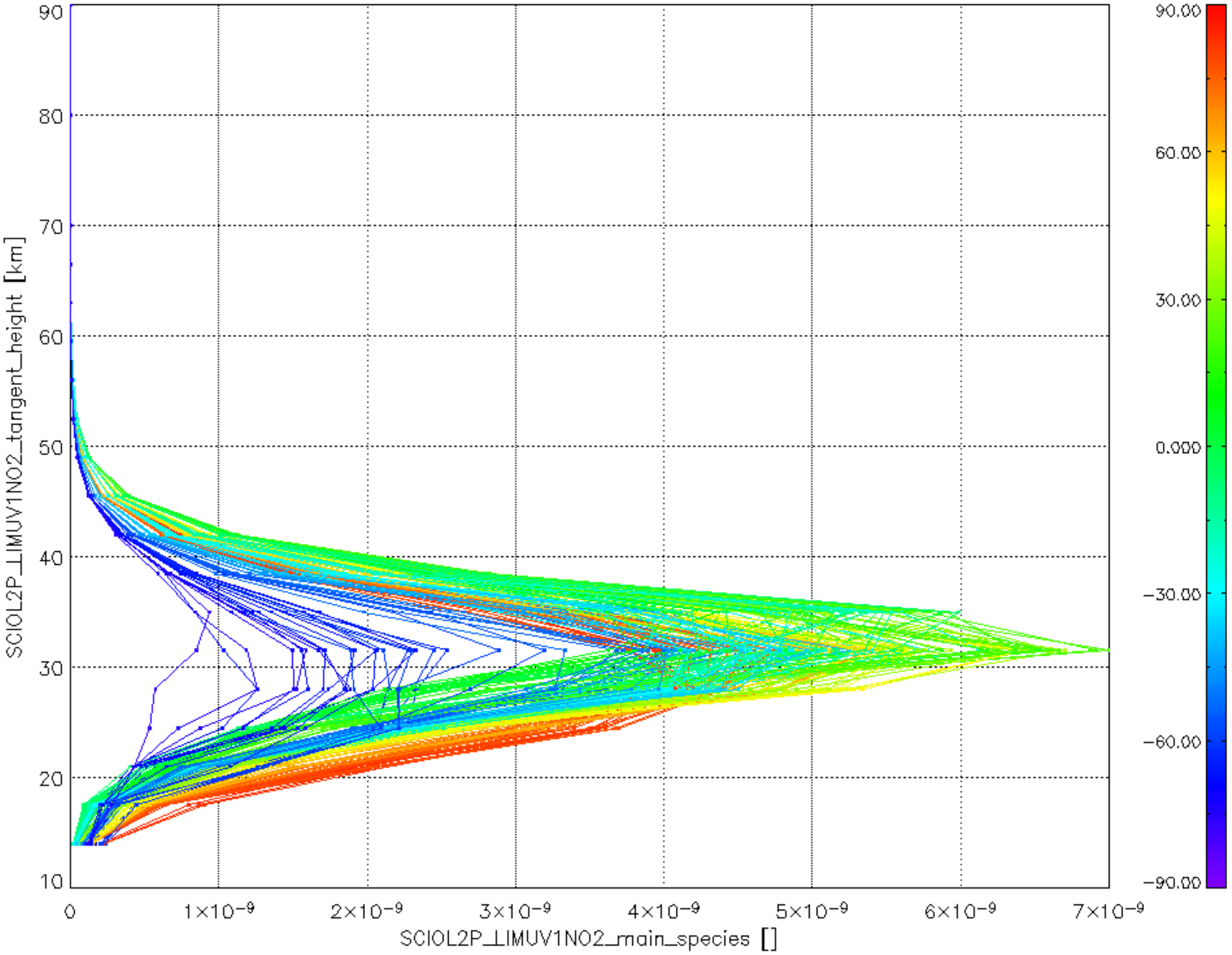


iCIOL2P_NADUV1NO2_amf_cl for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

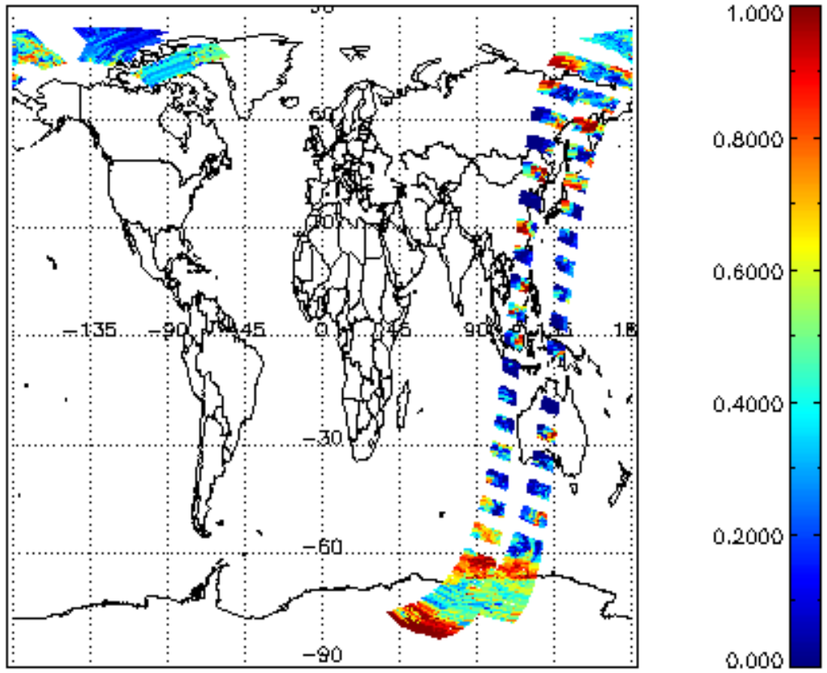



Plot of SCIOL2P_LIMUV003_main_species.tang_vmr vs. tangent height.
Colours indicate tangent latitude (see colour bar on the right).
SCIOL2P_LIMUV003_tangent_height [km]
90
80
70
60
50
40
30
20
10
0
2.0×10⁻⁶
4.0×10⁻⁶
6.0×10⁻⁶
8.0×10⁻⁶
1.0×10⁻⁵
1.2×10⁻⁵
1.4×10⁻⁵
SCIOL2P_LIMUV003_main_species []
90.00
60.00
30.00
0.000
−30.00
−60.00
−90.00

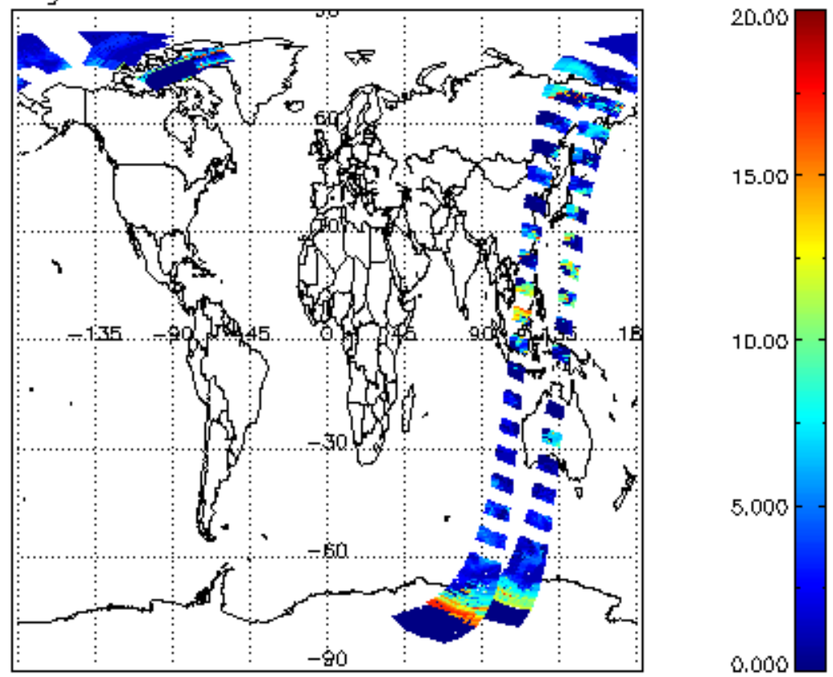
Plot of SCIOL2P_LIMUV1NO2_main_species.tang_vmr vs. tangent height.
Colours indicate tangent latitude (see colour bar on the right).



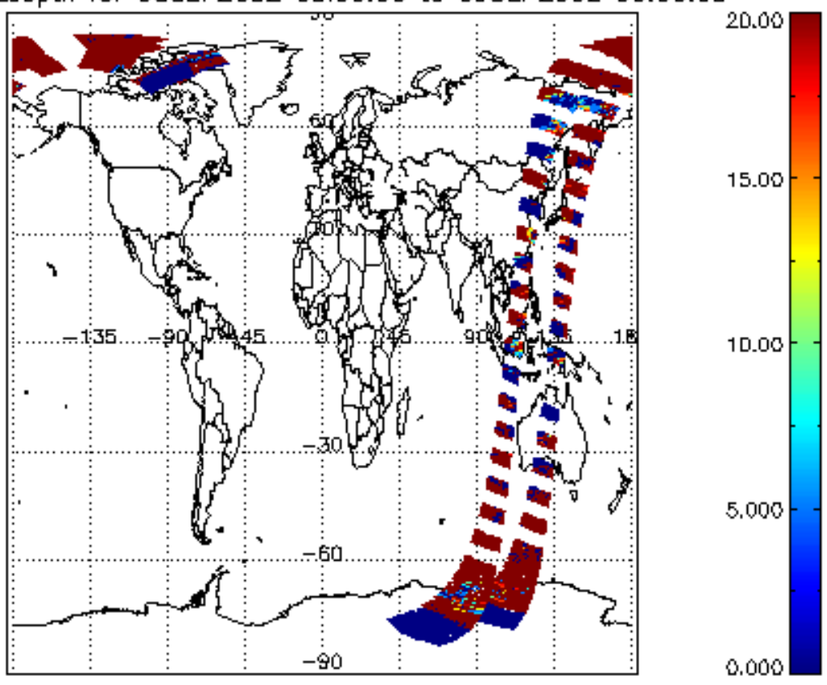
cl_frac for 08SEP2002 00:00:00 to 09SEP2002 00:00:00



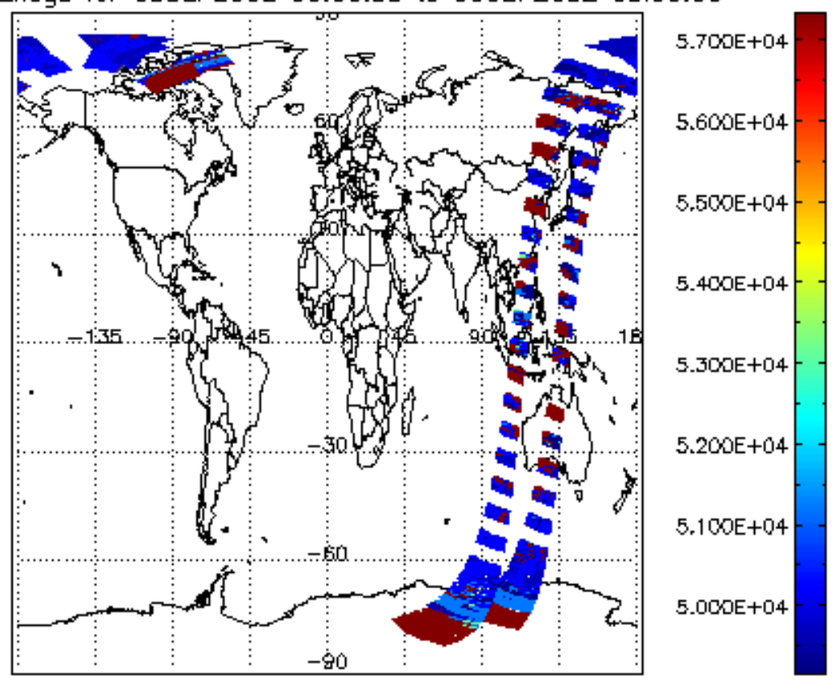
cl_top_height for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

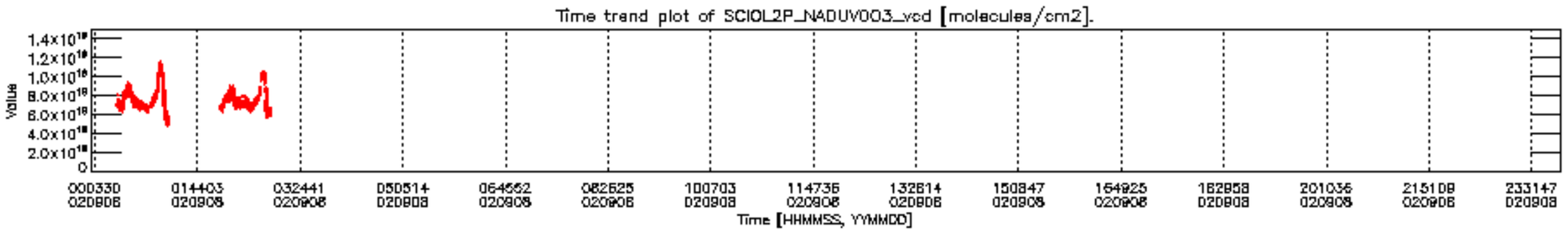


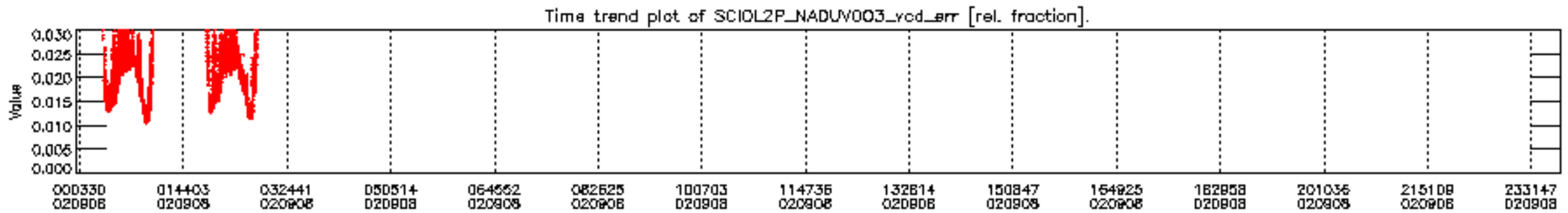
cl_opt_depth for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

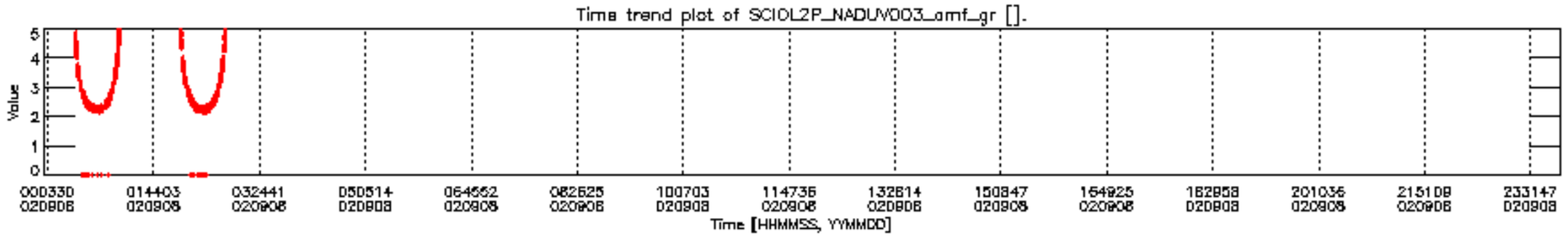


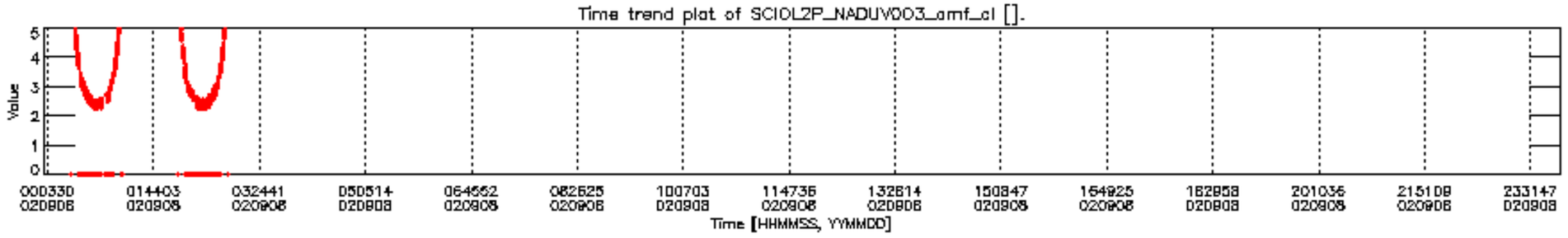
cloud_flags for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

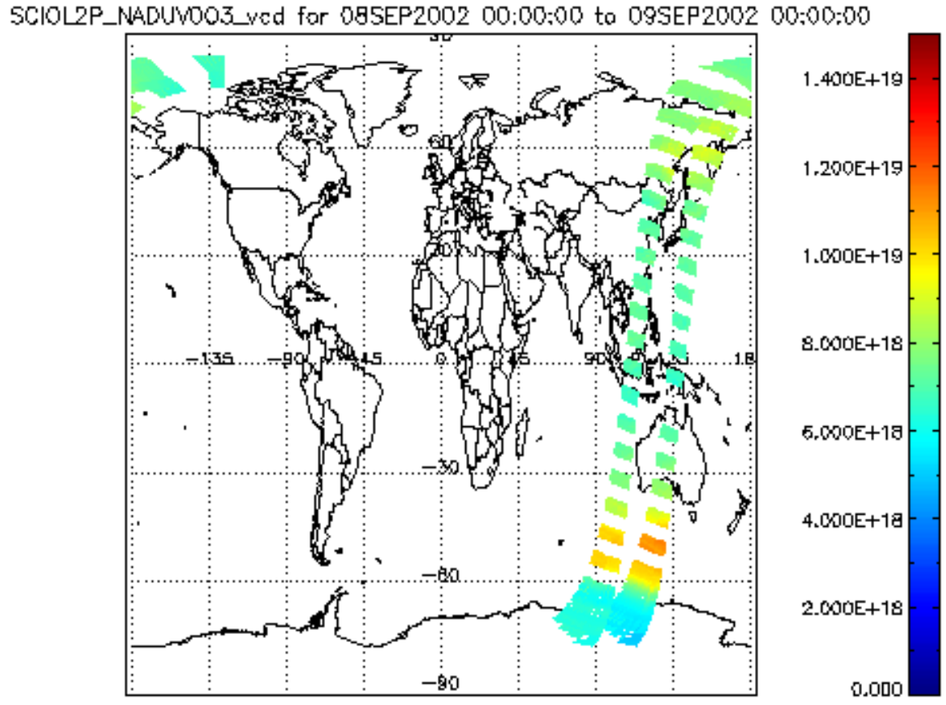


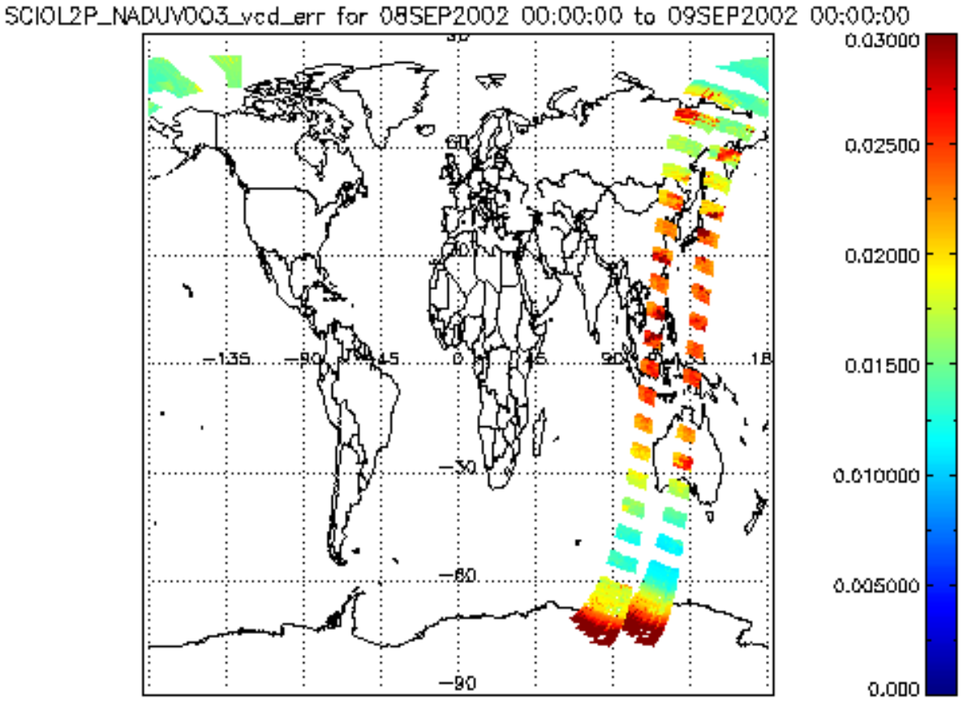

Time trend plot of SCIOL2P_NADUV003_vcd [molecules/cm2].
Value
1.4x10^16
1.2x10^16
1.0x10^16
8.0x10^15
6.0x10^15
4.0x10^15
2.0x10^15
0
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

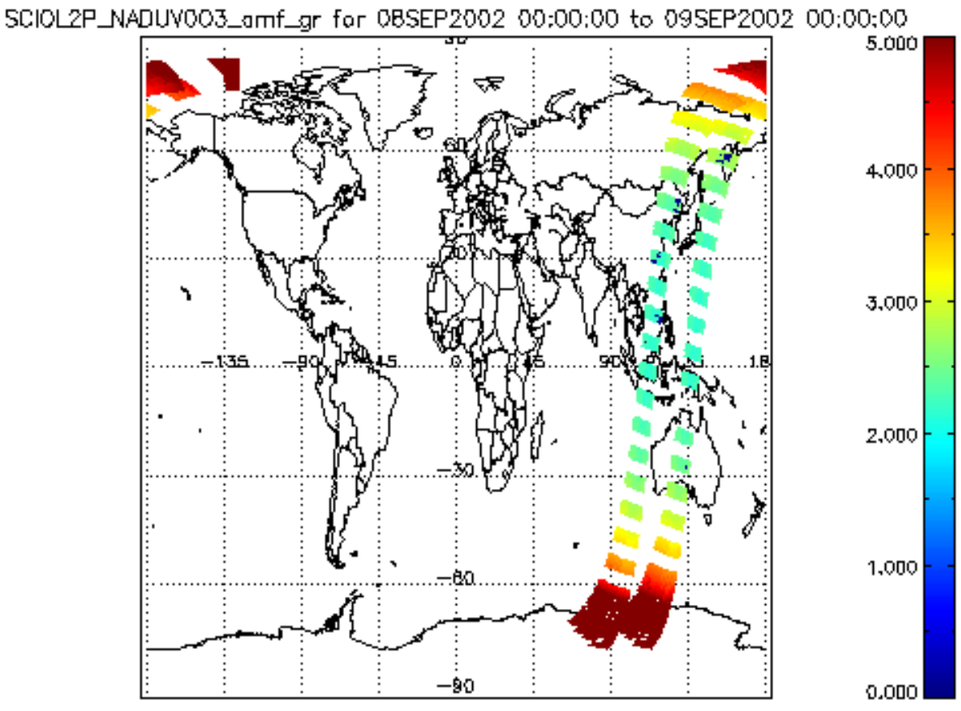

Time trend plot of SCIOL2P_NADUV003_vcd_err [rel. fraction].
Value
0.030
0.025
0.020
0.015
0.010
0.005
0.000
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

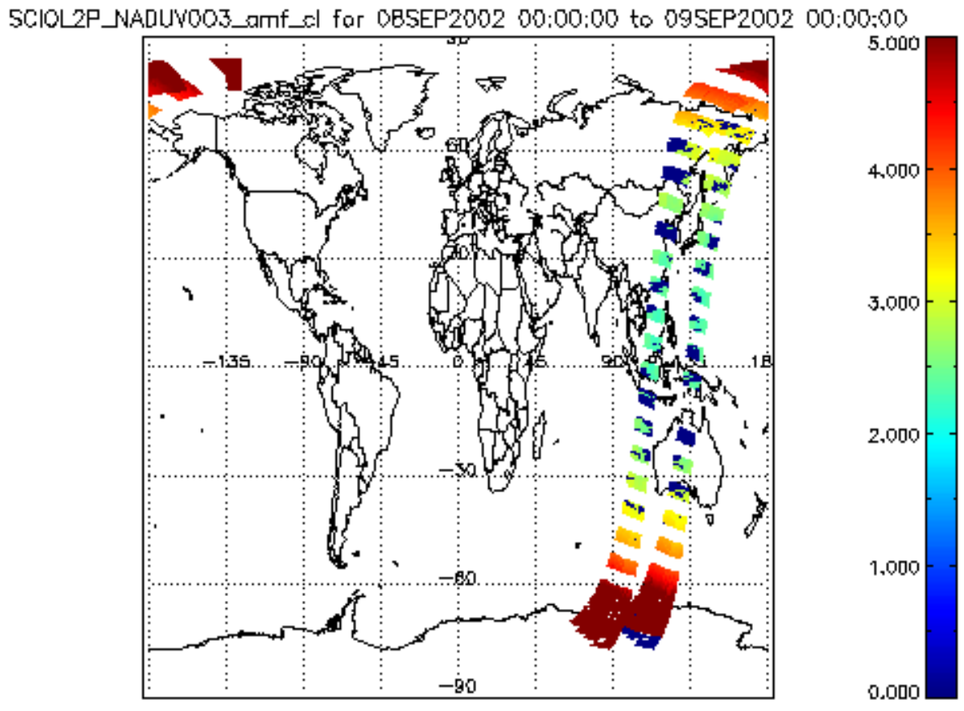

Time trend plot of SCIOL2P_NADUV003_amf_gr [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

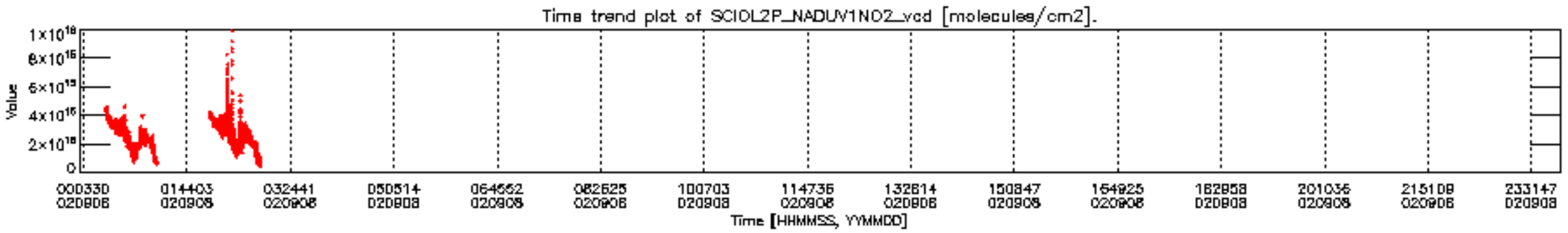

Time trend plot of SCIOL2P_NADUV003_amf_cl [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

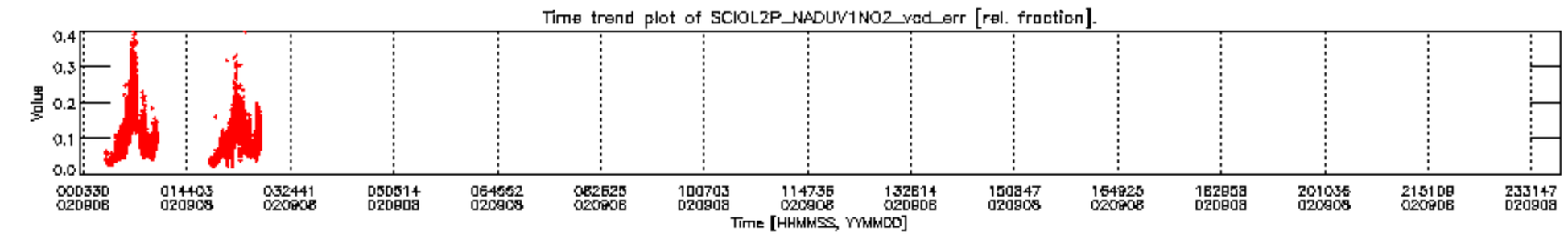

SCIOL2P_NADUV003_vcd for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
1.400E+19
1.200E+19
1.000E+19
8.000E+18
6.000E+18
4.000E+18
2.000E+18
0.000

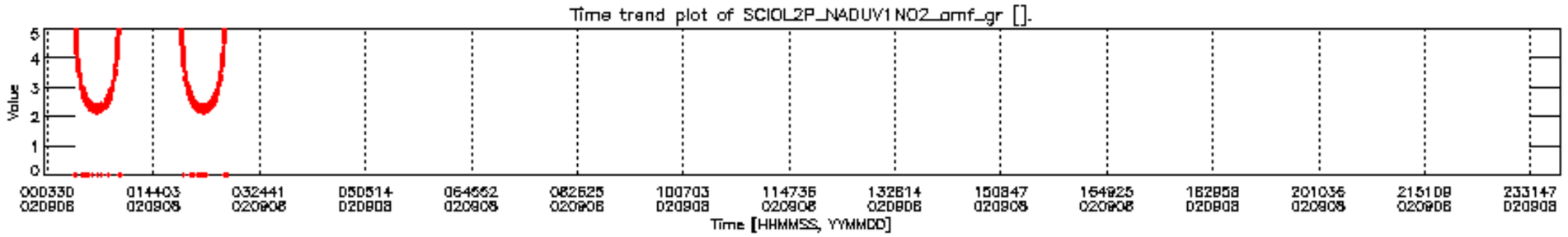

SCIOL2P_NADUV003_vcd_err for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
0.03000
0.02500
0.02000
0.01500
0.010000
0.005000
0.000

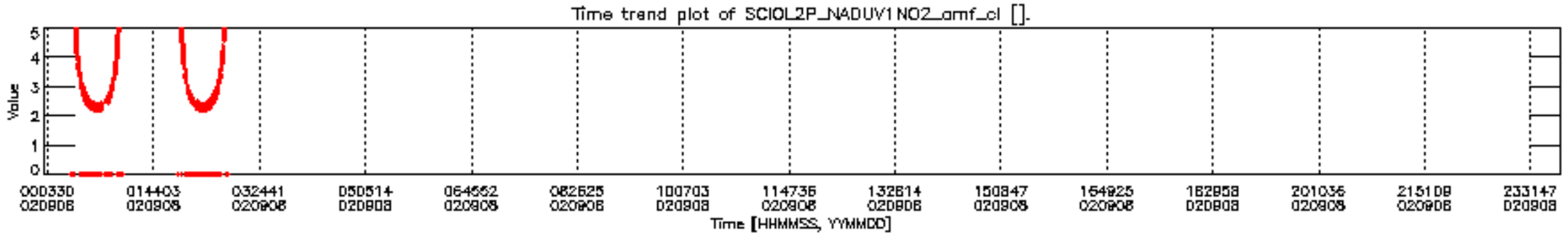

SCIOL2P_NADUV003_amf_gr for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
5.000
4.000
3.000
2.000
1.000
0.000

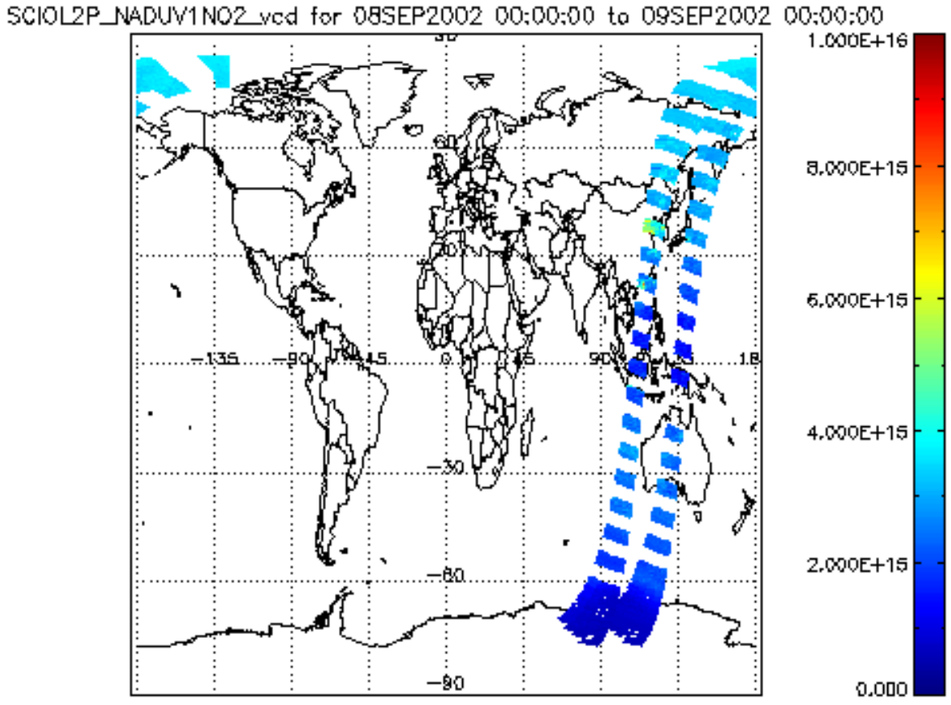

SCIOL2P_NADUV003_amf_cl for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
5.000
4.000
3.000
2.000
1.000
0.000

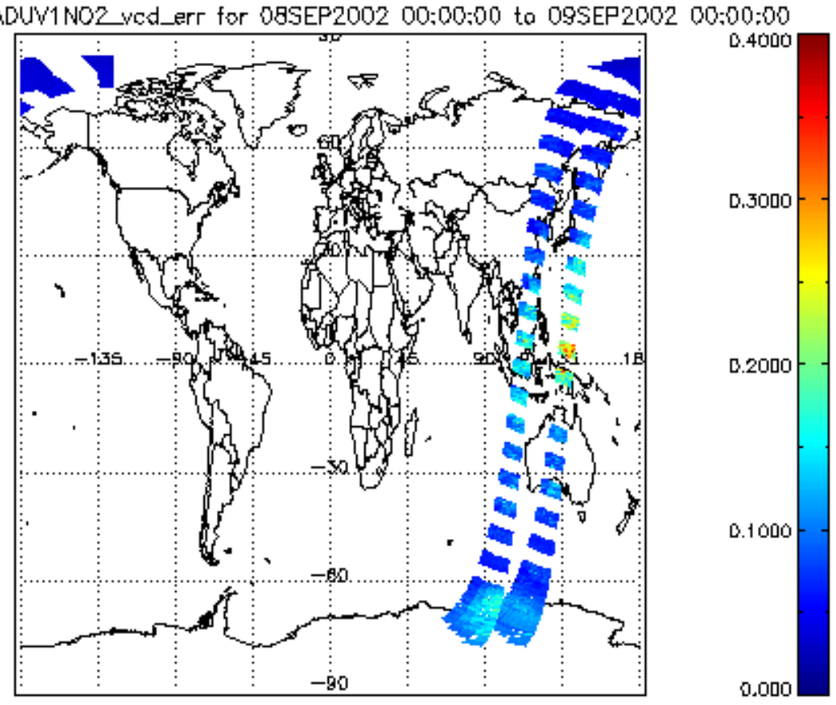

Time trend plot of SCIOL2P_NADUV1NO2_vcd [molecules/cm2].
Value
1x10^16
8x10^15
6x10^15
4x10^15
2x10^15
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

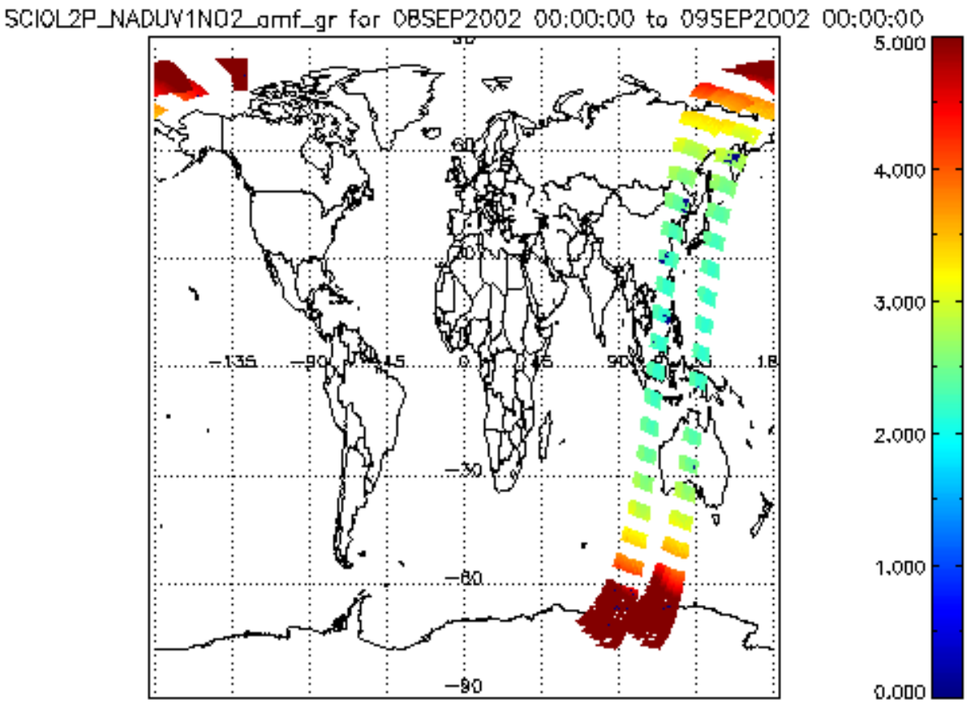

Time trend plot of SCIOL2P_NADUV1NO2_vcd_err [rel. fraction].
Value
0.4
0.3
0.2
0.1
0.0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

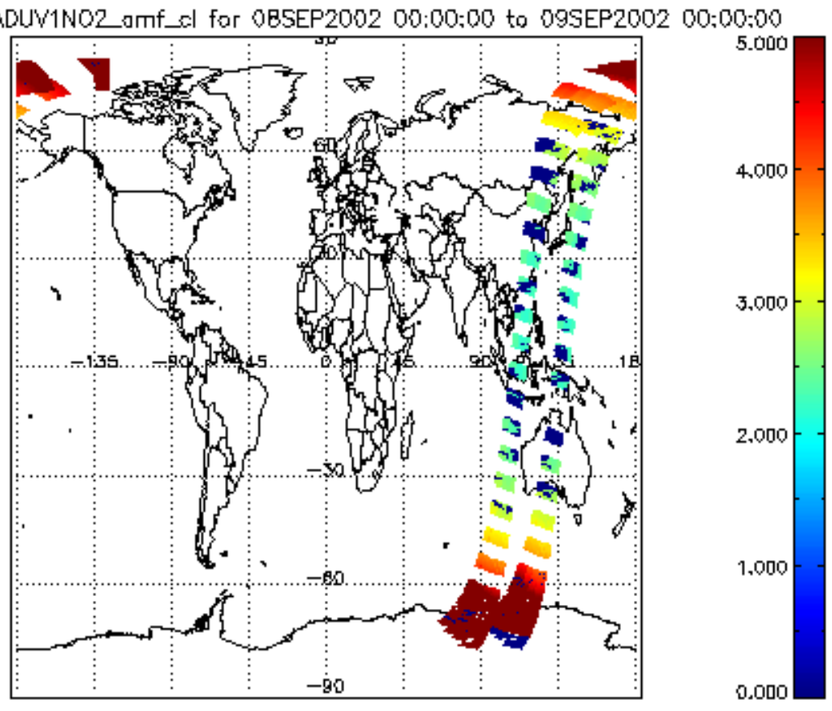

Time trend plot of SCIOL2P_NADUV1NO2_amf_gr [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


Time trend plot of SCIOL2P_NADUV1NO2_amf_cl [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


SCIOL2P_NADUV1NO2_vcd for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
1.000E+16
8.000E+15
6.000E+15
4.000E+15
2.000E+15
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180


SCIOL2P_NADUV1NO2_vcd_err for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
0.4000
0.3000
0.2000
0.1000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180


SCIOL2P_NADUV1NO2_amf_gr for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
5.000
4.000
3.000
2.000
1.000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180


SCIOL2P_NADUV1NO2_amf_cl for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
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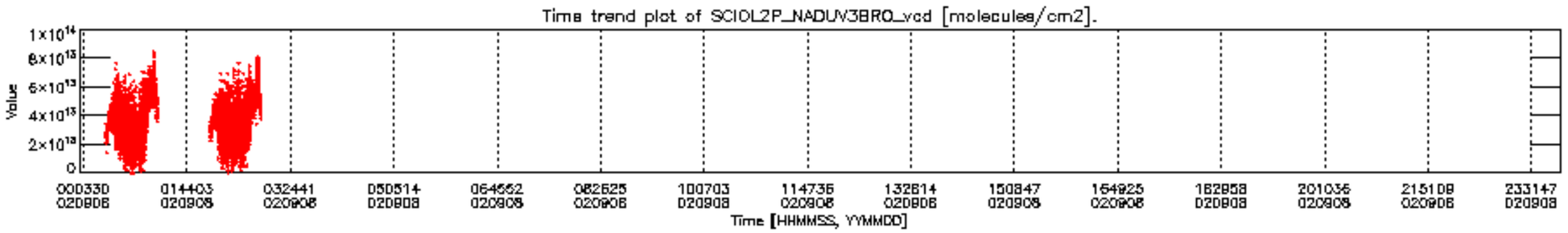
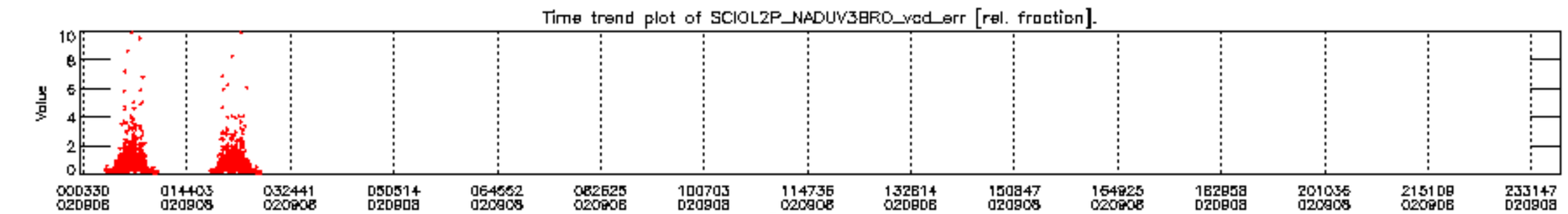
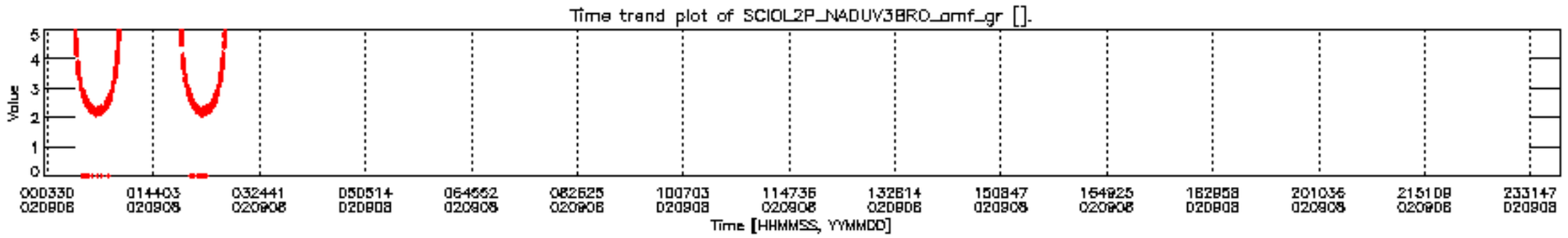
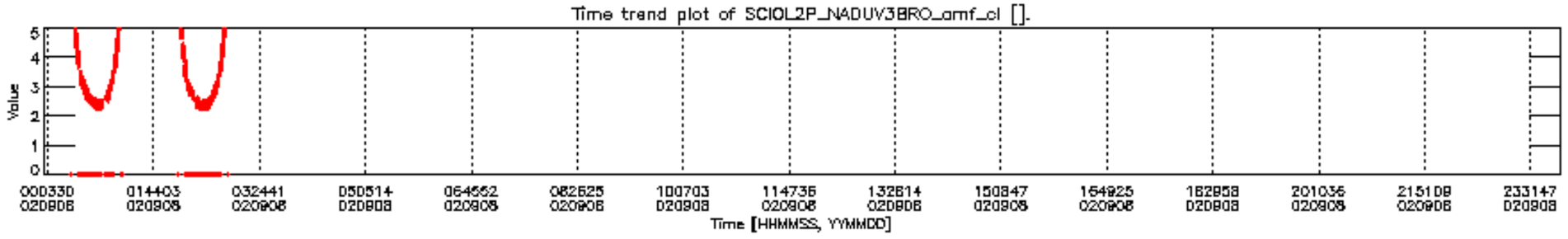
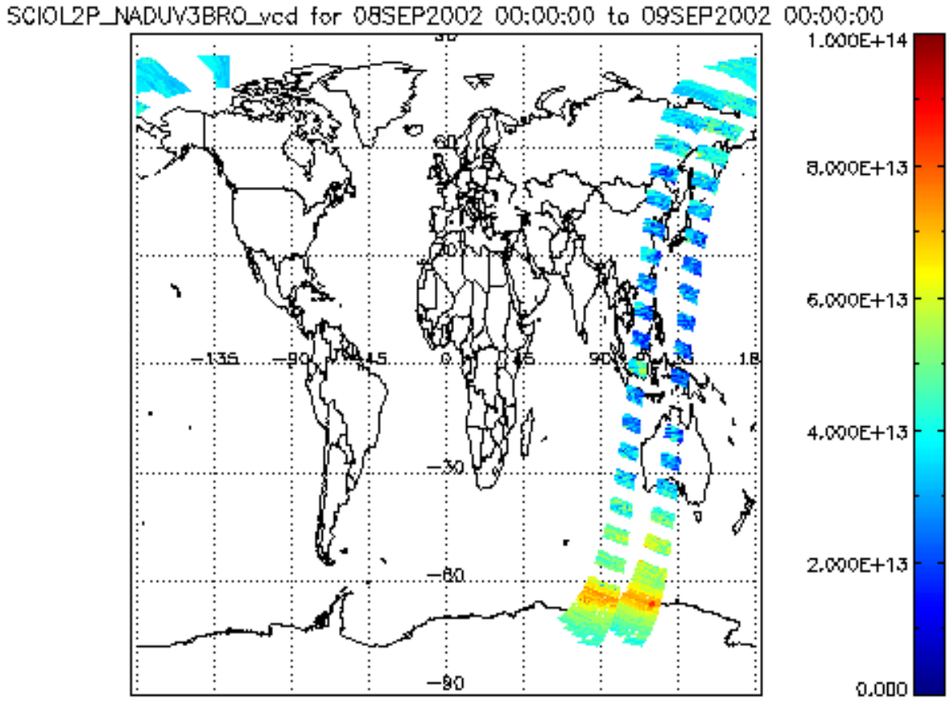
4.000
3.000
2.000
1.000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

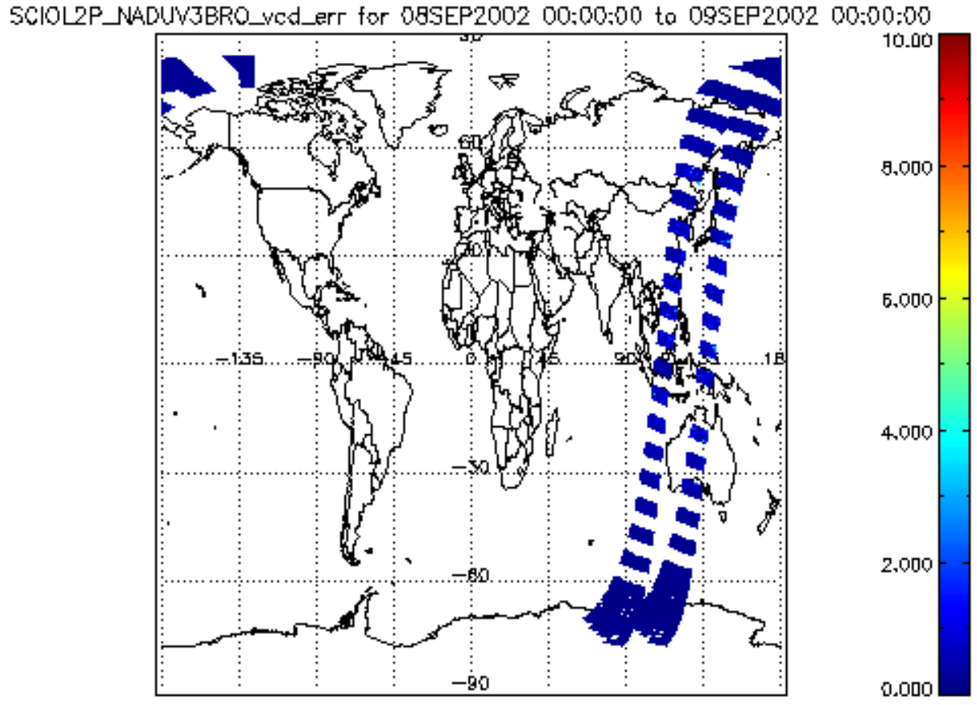

Time trend plot of SCIOL2P_NADUV3BRO_vcd [molecules/cm2].
Value
1x10^14
8x10^13
6x10^13
4x10^13
2x10^13
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

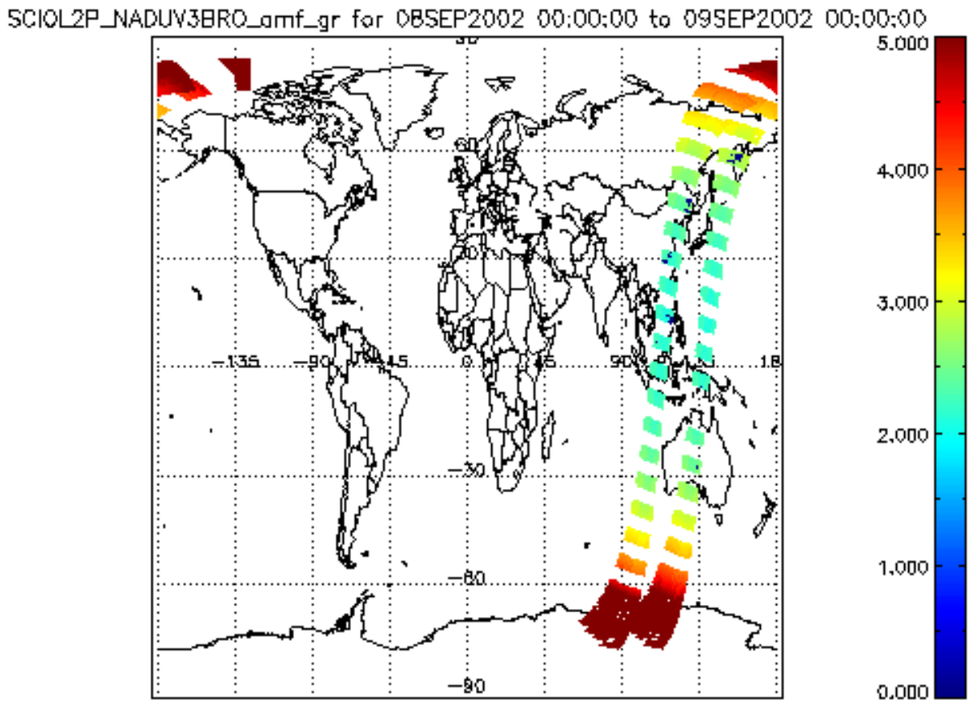

Time trend plot of SCIOL2P_NADUV3BRO_vcd_err [rel. fraction].
Value
10
8
6
4
2
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

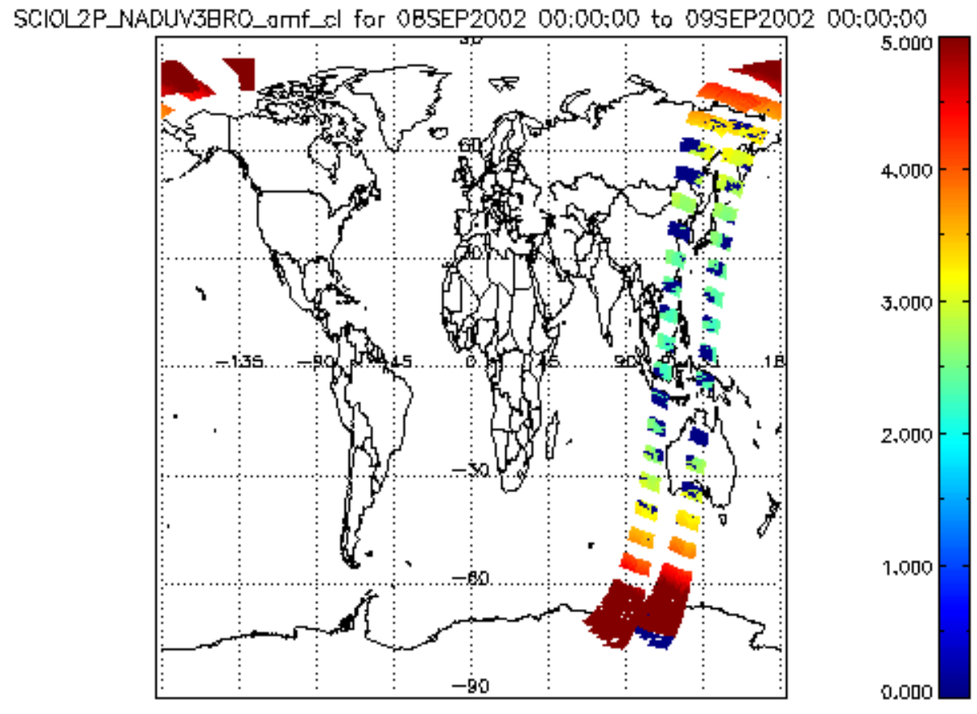

Time trend plot of SCIOL2P_NADUV3BRO_amf_gr [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

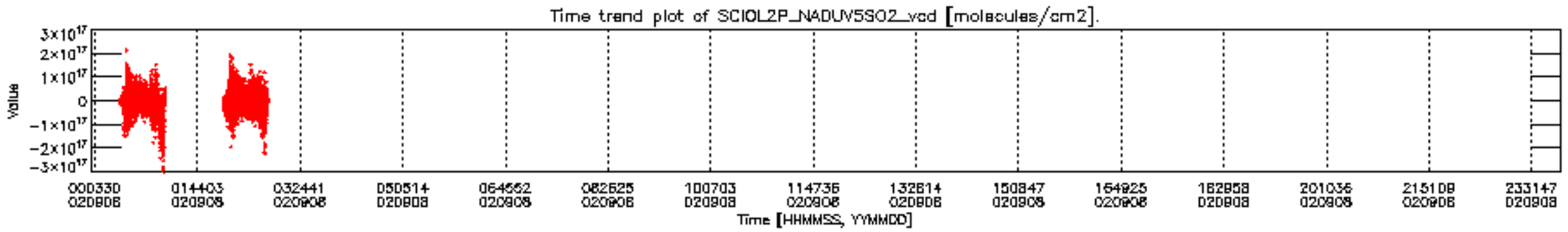

Time trend plot of SCIOL2P_NADUV3BRO_amf_cl [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

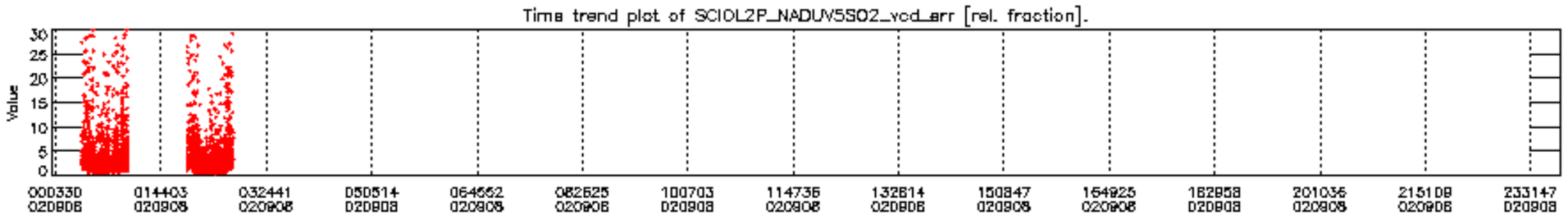

SCIOL2P_NADUV3BRO_vcd for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
1.000E+14
8.000E+13
6.000E+13
4.000E+13
2.000E+13
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

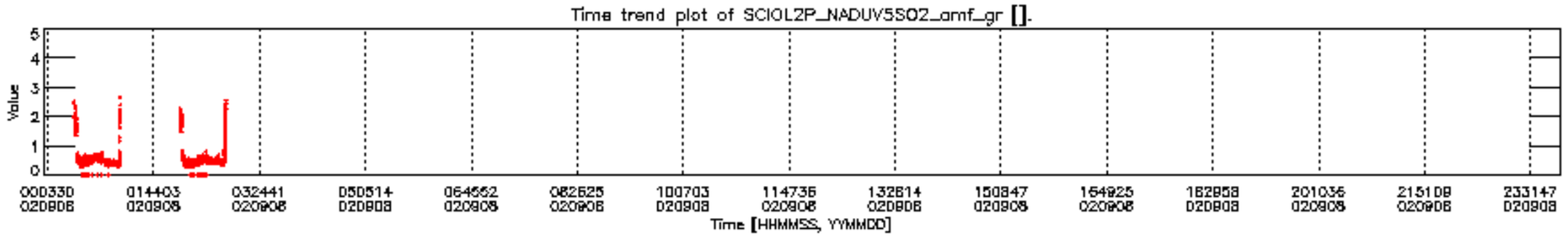

SCIOL2P_NADUV3BRO_vcd_err for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
10.00
8.000
6.000
4.000
2.000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

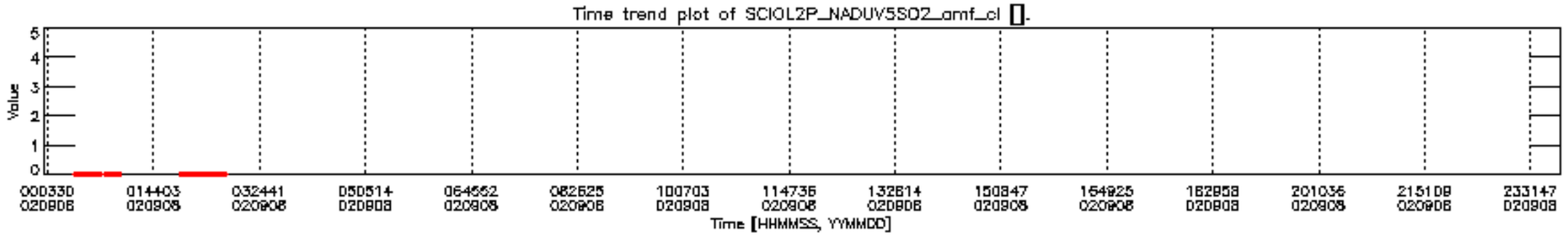

SCIOL2P_NADUV3BRO_amf_gr for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
5.000
4.000
3.000
2.000
1.000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

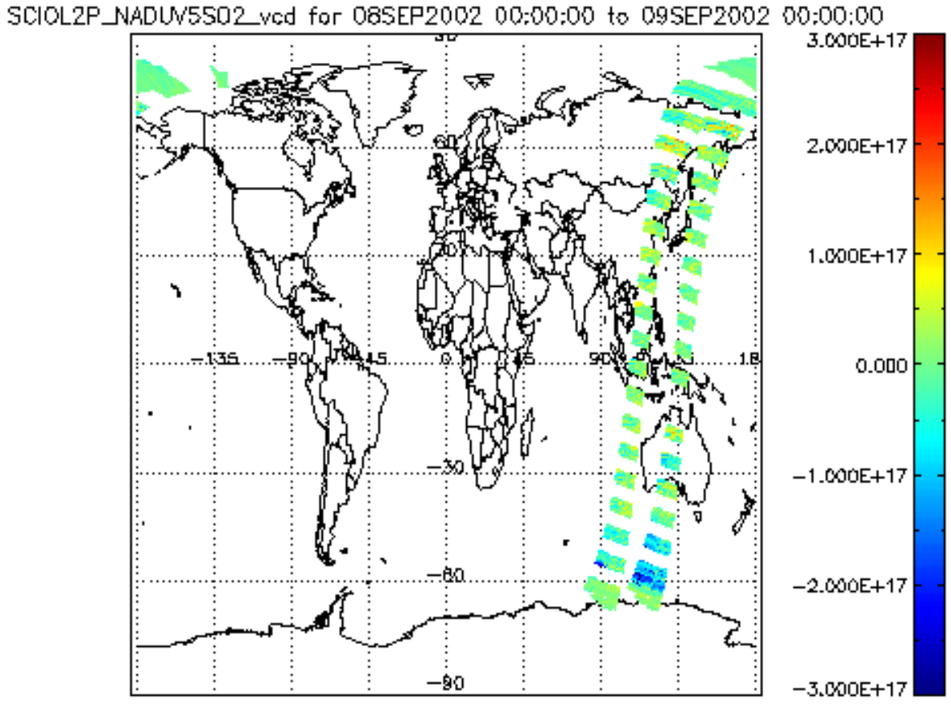

SCIOL2P_NADUV3BRO_amf_cl for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
5.000
4.000
3.000
2.000
1.000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

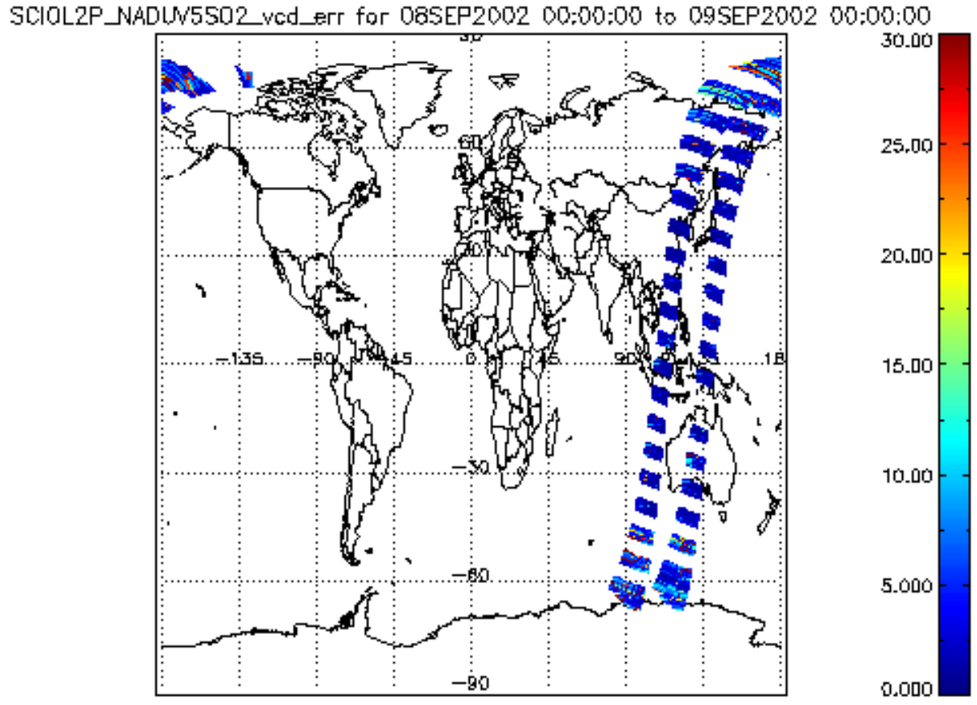

Time trend plot of SCIOL2P_NADUV5SO2_vcd [molecules/cm2].
Value
3x10^17
2x10^17
1x10^17
0
-1x10^17
-2x10^17
-3x10^17
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

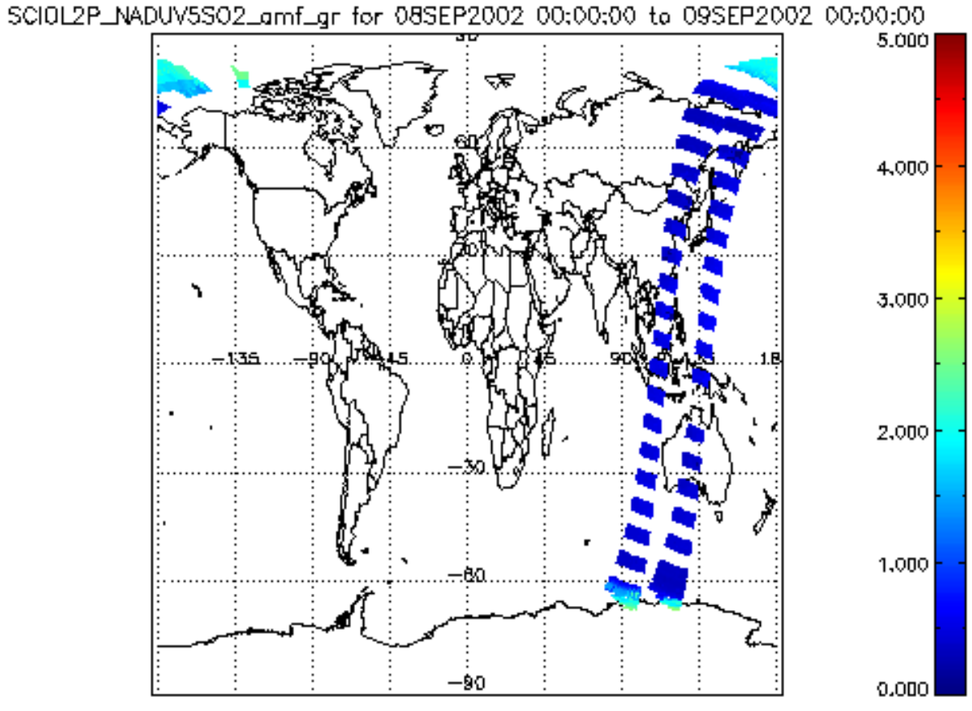

Time trend plot of SCIOL2P_NADUV5SO2_vcd_err [rel. fraction].
Value
30
25
20
15
10
5
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

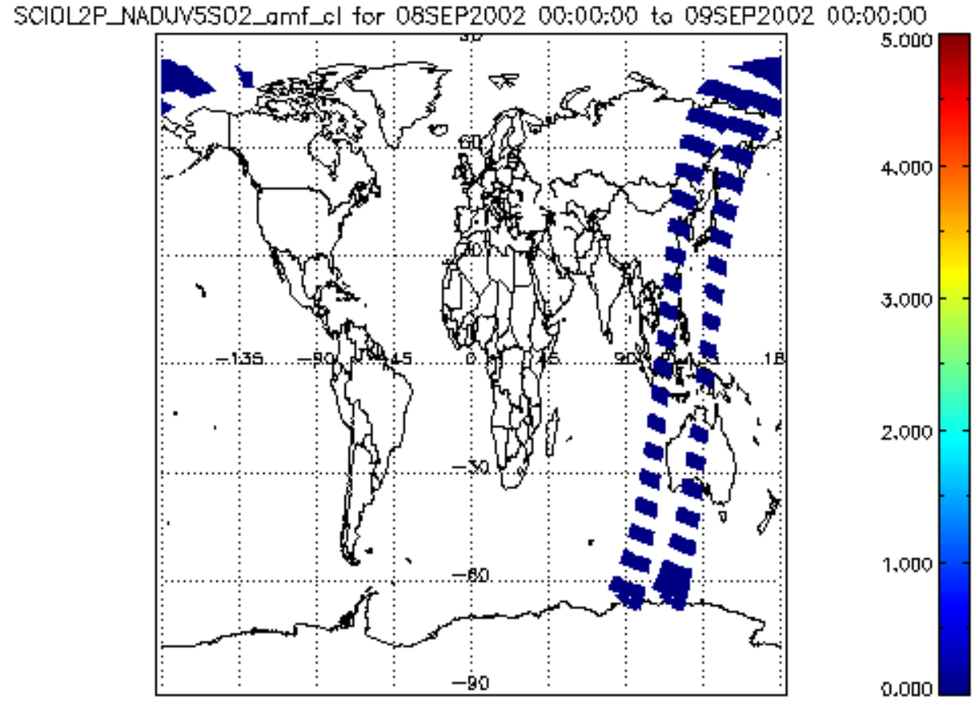

Time trend plot of SCIOL2P_NADUV5SO2_amf_gr [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

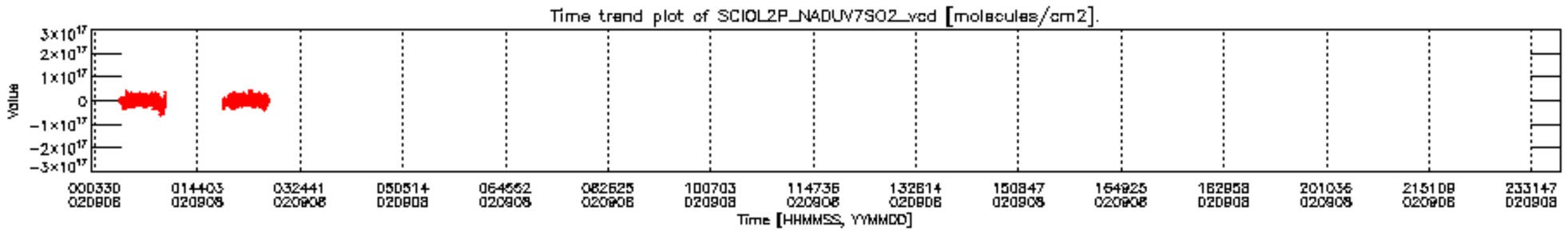

Time trend plot of SCIOL2P_NADUV5SO2_amf_cl [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

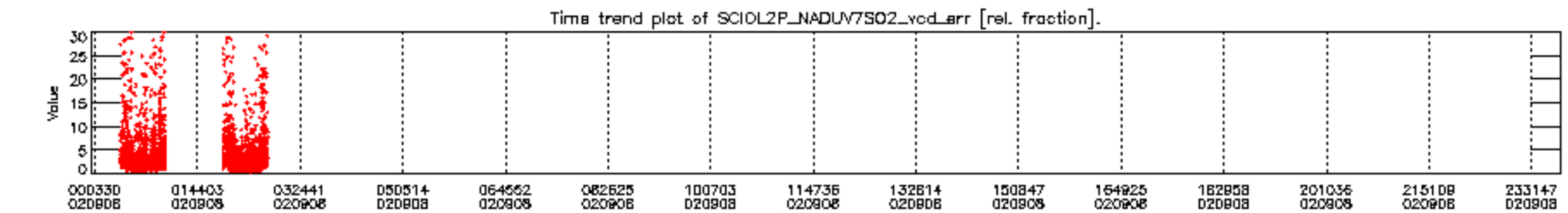

SCIOL2P_NADUV5S02_vcd for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
3.000E+17
2.000E+17
1.000E+17
0.000
-1.000E+17
-2.000E+17
-3.000E+17
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

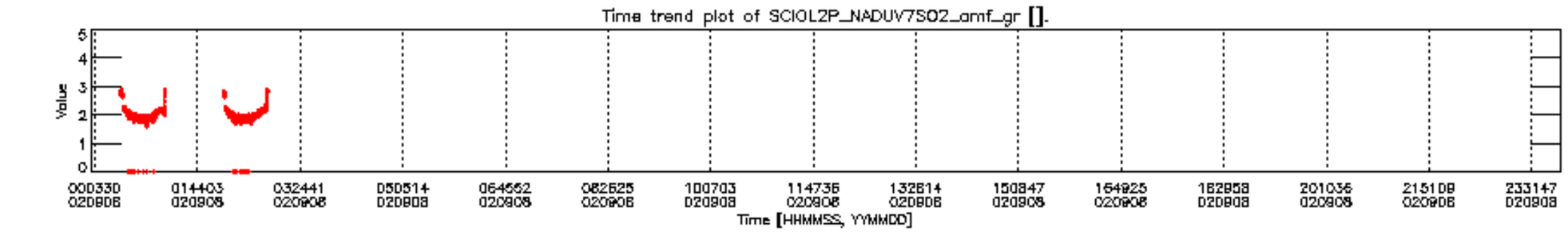

SCIOL2P_NADUV5S02_vcd_err for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

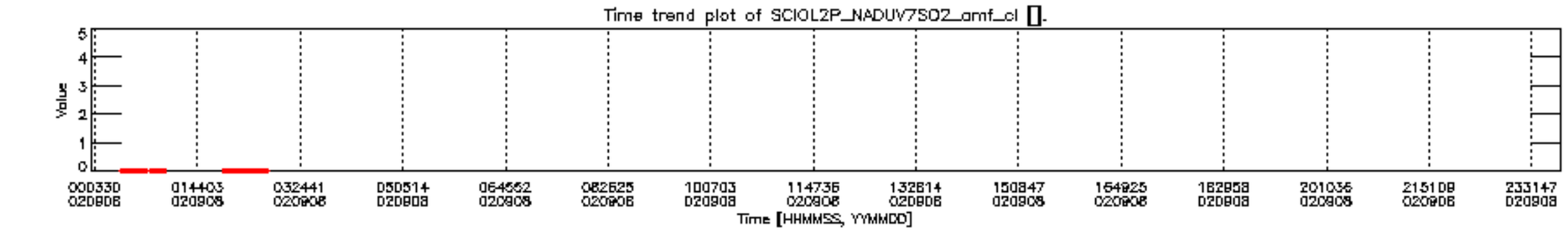

SCIOL2P_NADUV5S02_amf_gr for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
5.000
4.000
3.000
2.000
1.000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

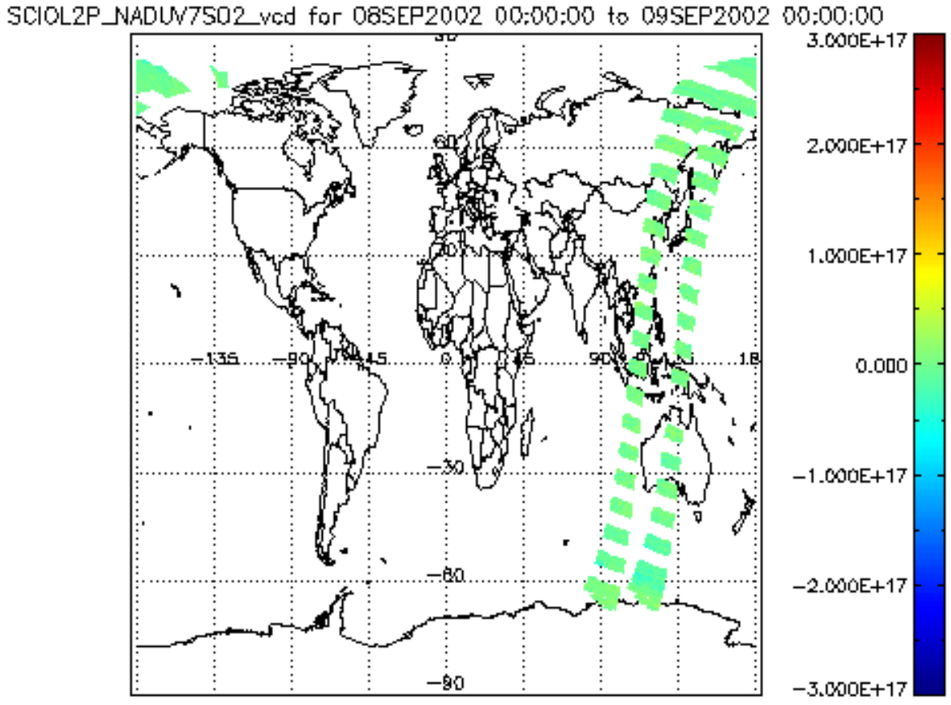

SCIOL2P_NADUV5S02_amf_cl for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
5.000
4.000
3.000
2.000
1.000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

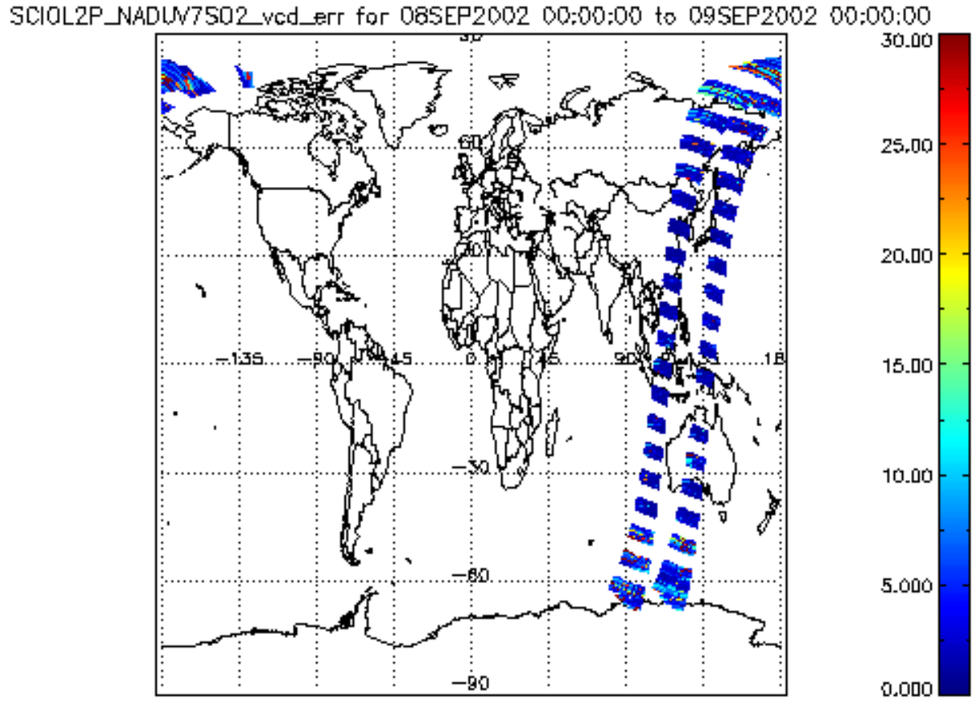

Time trend plot of SCIOL2P_NADUV7SO2_vcd [molecules/cm2].
Value
3x10^17
2x10^17
1x10^17
0
-1x10^17
-2x10^17
-3x10^17
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

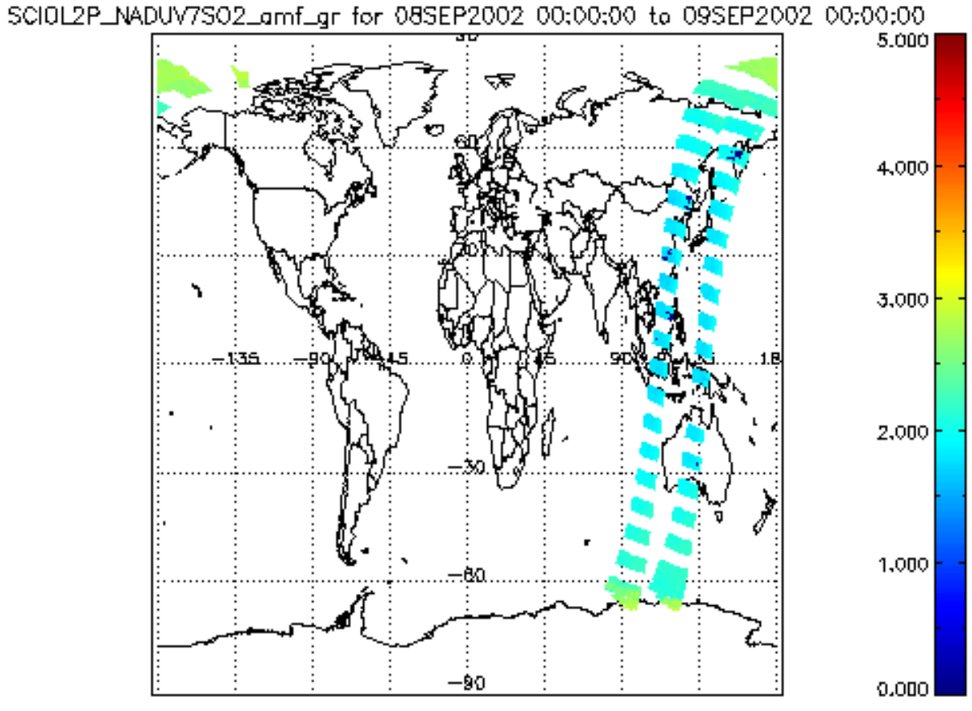

Time trend plot of SCIOL2P_NADUV7SO2_vcd_err [rel. fraction].
Value
30
25
20
15
10
5
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

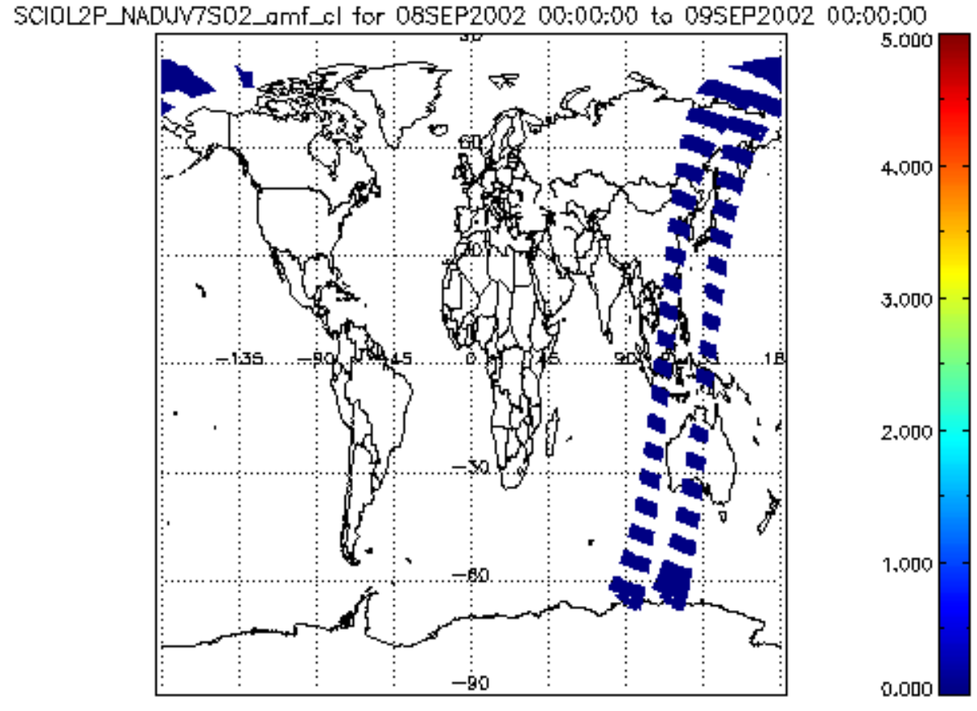

Time trend plot of SCIOL2P_NADUV7SO2_amf_gr [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

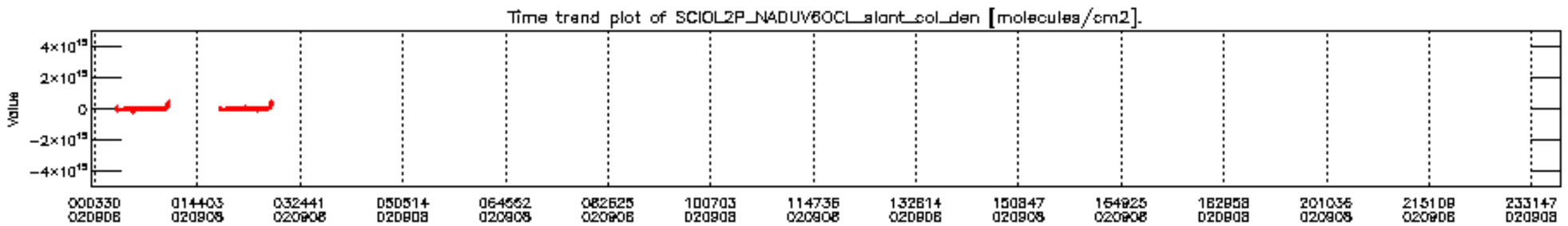

Time trend plot of SCIOL2P_NADUV7SO2_amf_cl [].
Value
5
4
3
2
1
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

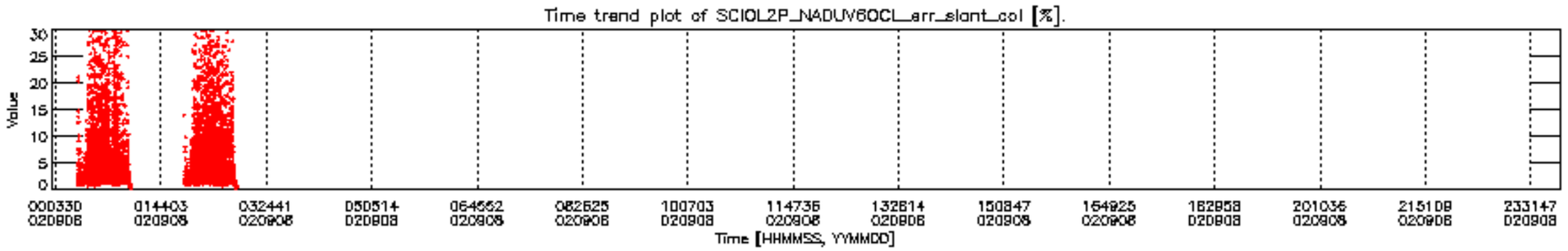

SCIOL2P_NADUV7SO2_vcd for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
3.000E+17
2.000E+17
1.000E+17
0.000
-1.000E+17
-2.000E+17
-3.000E+17
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

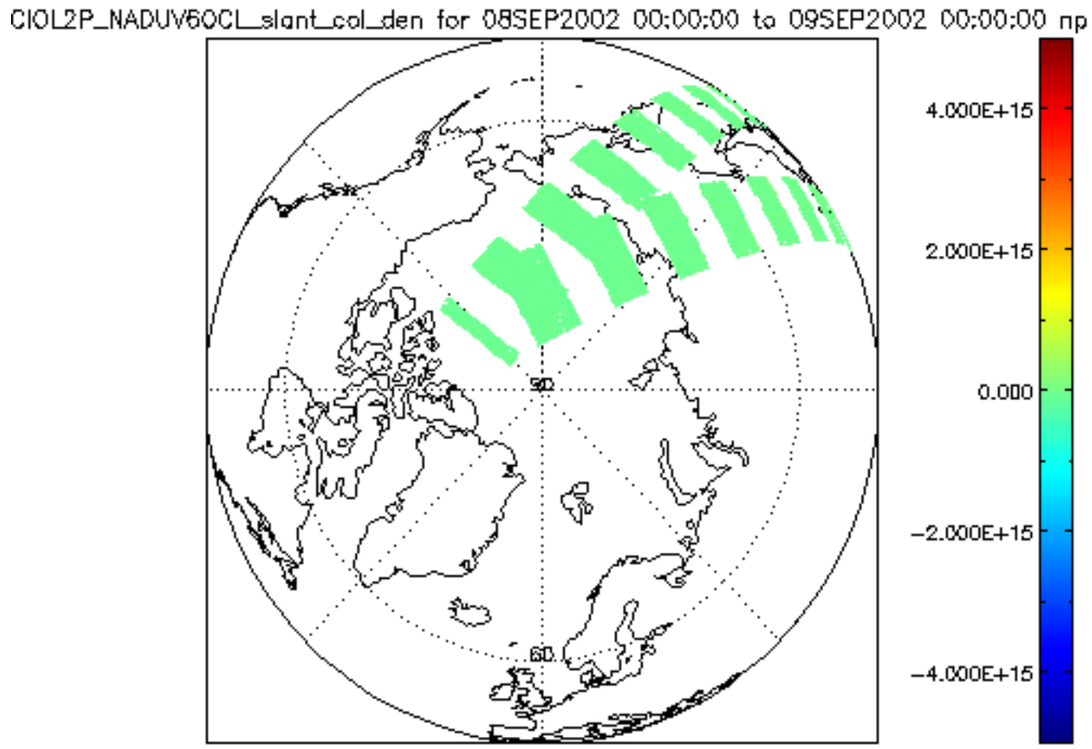

SCIOL2P_NADUV7SO2_vcd_err for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

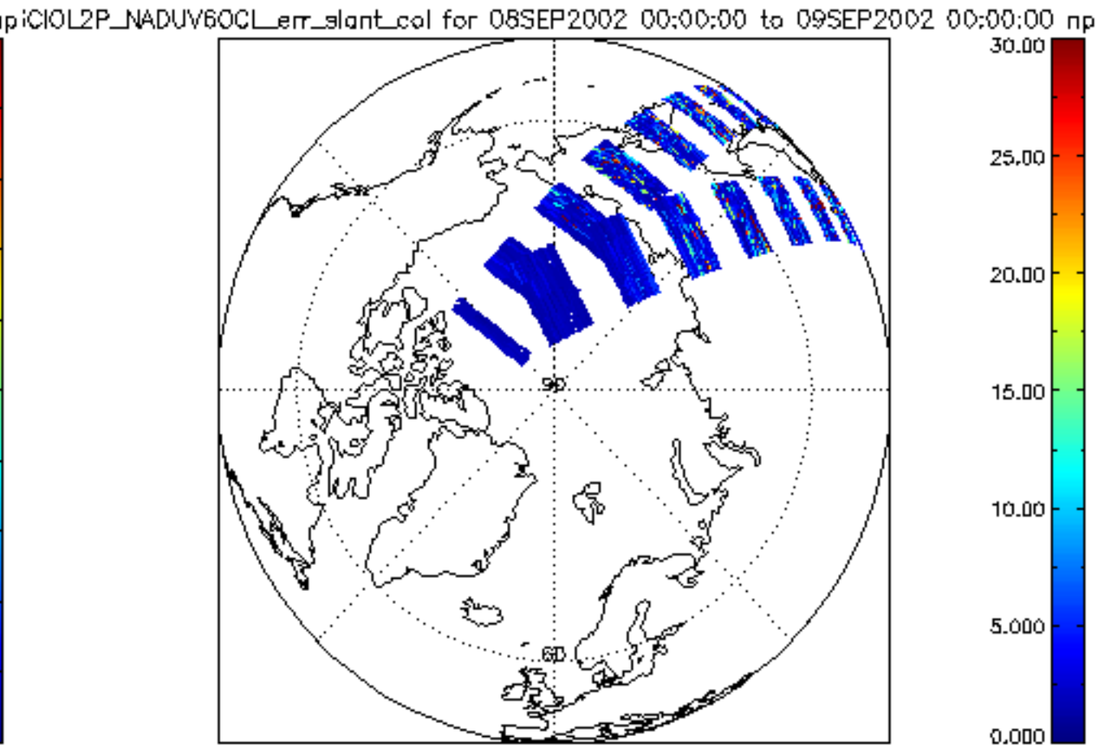

SCIOL2P_NADUV7SO2_amf_gr for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
5.000
4.000
3.000
2.000
1.000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

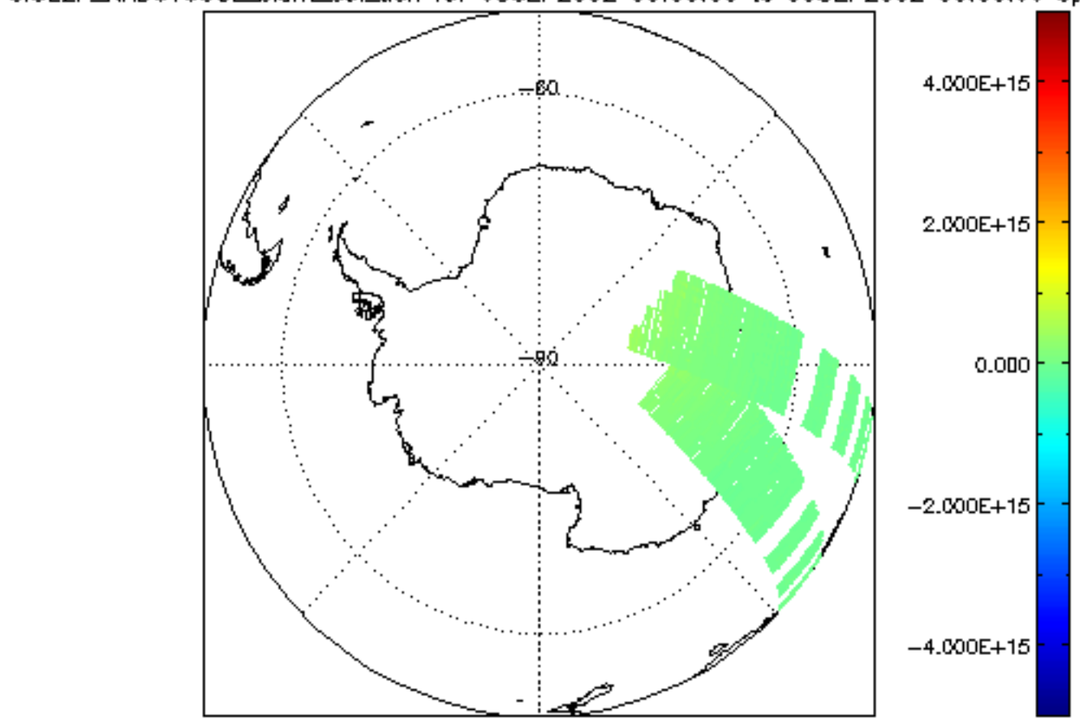

SCIOL2P_NADUV7SO2_amf_cl for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
5.000
4.000
3.000
2.000
1.000
0.000
60
30
-30
-60
-90
-135
-90
-45
0
45
90
135
180

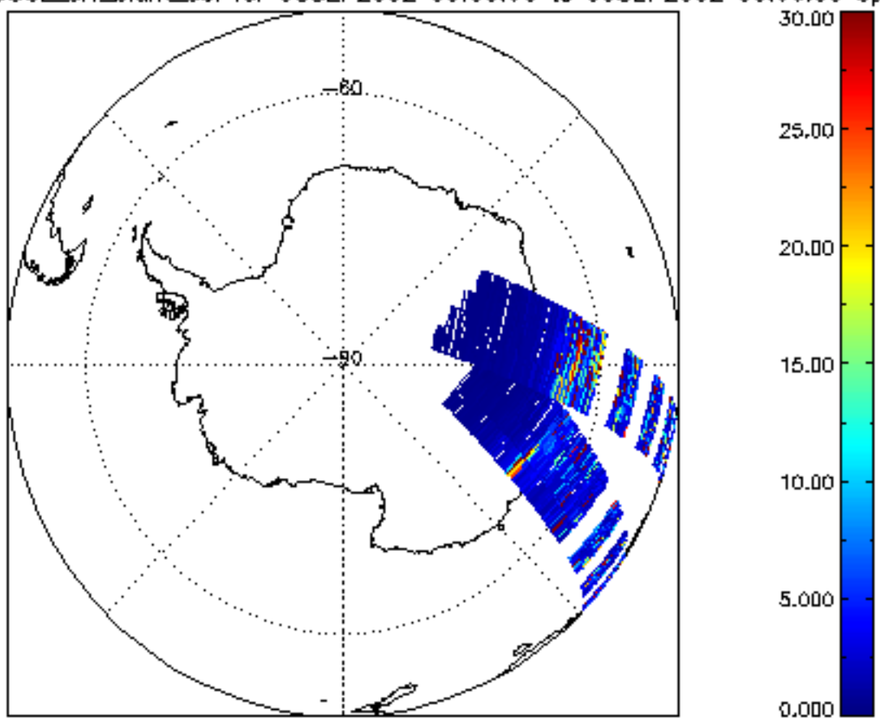

Time trend plot of SCIOL2P_NADUV6OCL_slant_col_den [molecules/cm2].
Value
4×10¹⁵
2×10¹⁵
0
−2×10¹⁵
−4×10¹⁵
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215109 020908
233147 020908
Time [HHMMSS, YYMMDD]

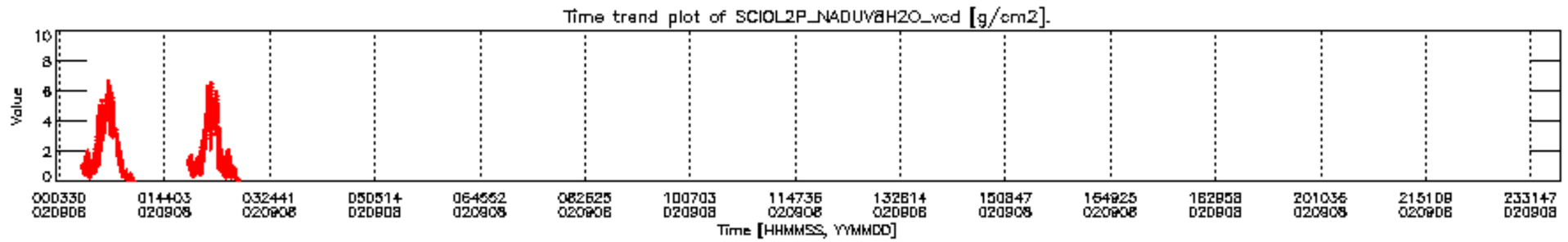

Time trend plot of SCIOL2P_NADUV6OCL_arr_slant_col [%].
Value
30
25
20
15
10
5
0
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182958 020908
201036 020908
215109 020908
233147 020908
Time [HHMMSS, YYMMDD]

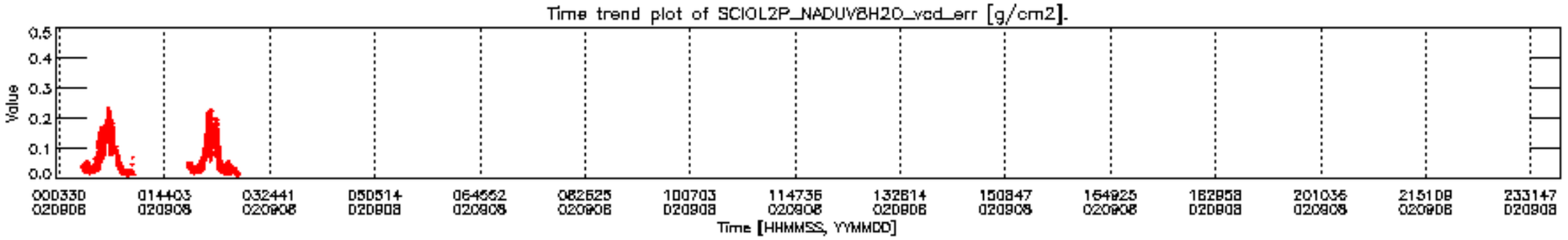

ClOL2P_NADUV6OCL_slant_col_den for 08SEP2002 00:00:00 to 09SEP2002 00:00:00 np
4.000E+15
2.000E+15
0.000
−2.000E+15
−4.000E+15
90
60

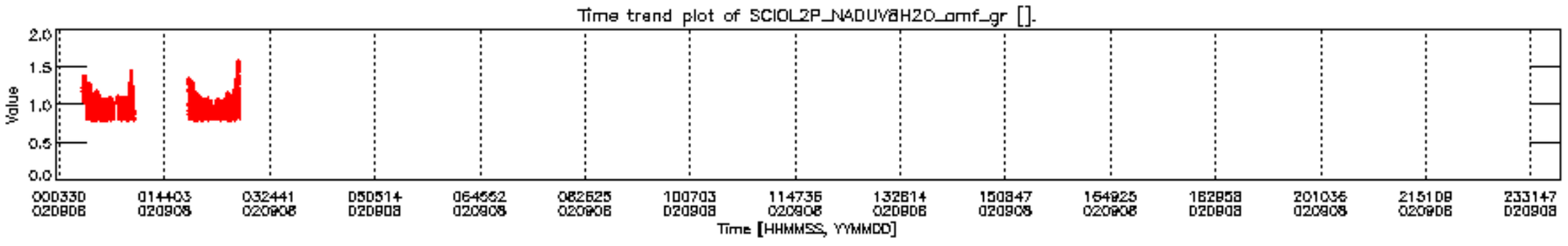

ClOL2P_NADUV6OCL_err_slant_col for 08SEP2002 00:00:00 to 09SEP2002 00:00:00 np
30.00
25.00
20.00
15.00
10.00
5.000
0.000
90
60


CIOL2P_NADUV6OCL_slant_col_den for 08SEP2002 00:00:00 to 09SEP2002 00:00:00 sp
-60
-90
4.000E+15
2.000E+15
0.000
-2.000E+15
-4.000E+15

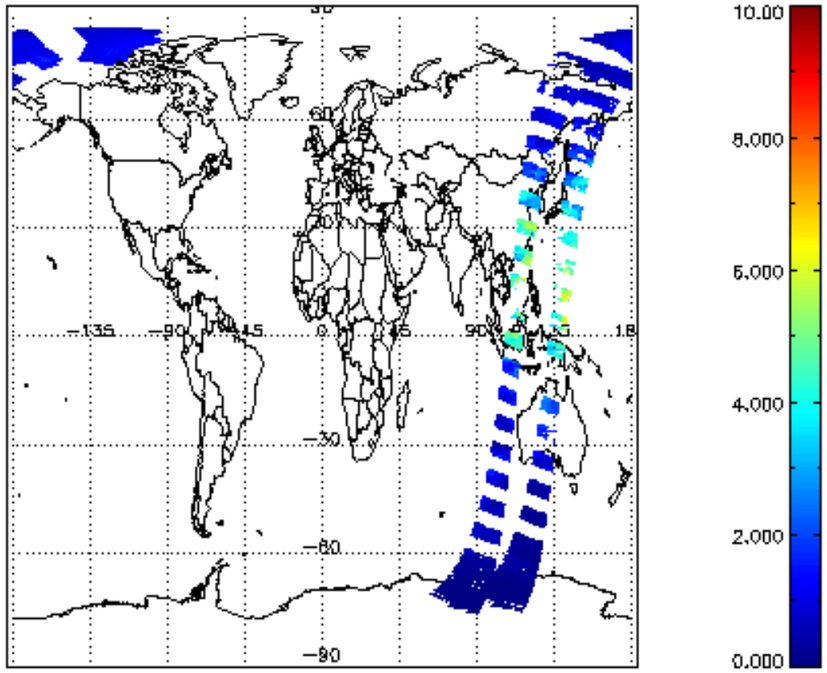

CIOL2P_NADUV6OCL_err_slant_col for 08SEP2002 00:00:00 to 09SEP2002 00:00:00 sp
-60
-90
30.00
25.00
20.00
15.00
10.00
5.000
0.000


Time trend plot of SCIOL2P_NADUVBH2O_vcd [g/cm2].
Value
10
8
6
4
2
0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

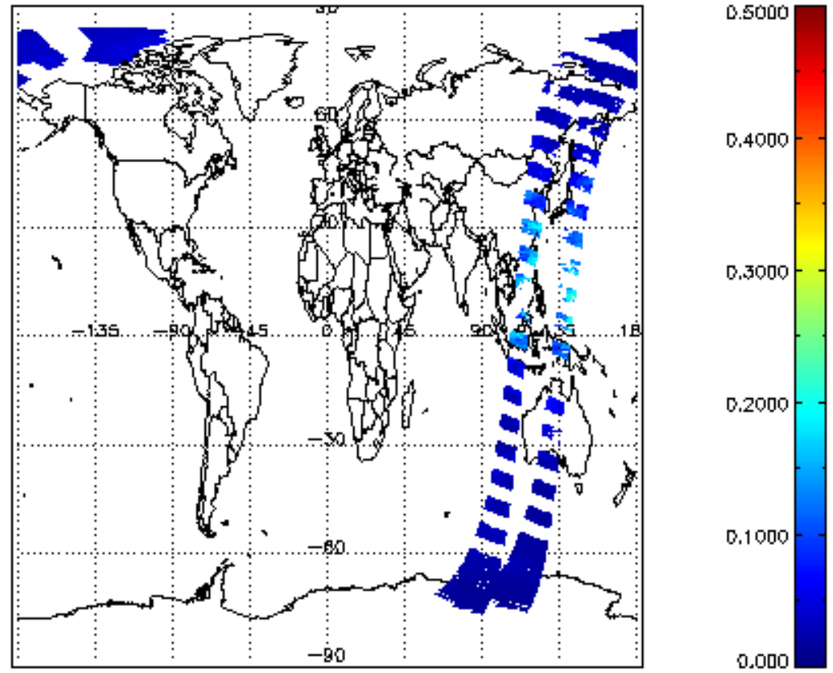

Time trend plot of SCIOL2P_NADUVBH2O_vcd_err [g/cm2].
Value
0.5
0.4
0.3
0.2
0.1
0.0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]


Time trend plot of SCIOL2P_NADUVBH2O_amf_gr [].
Value
2.0
1.5
1.0
0.5
0.0
000330 020908
014403 020908
032441 020908
050514 020908
064652 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215108 020908
233147 020908
Time [HHMMSS, YYMMDD]

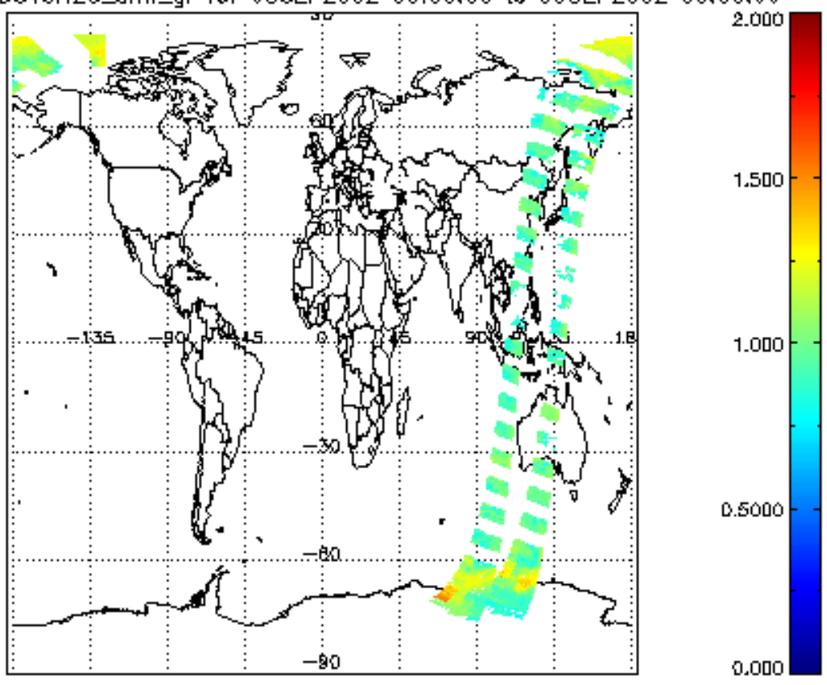
SCIOL2P_NADUV8H2O_vcd for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

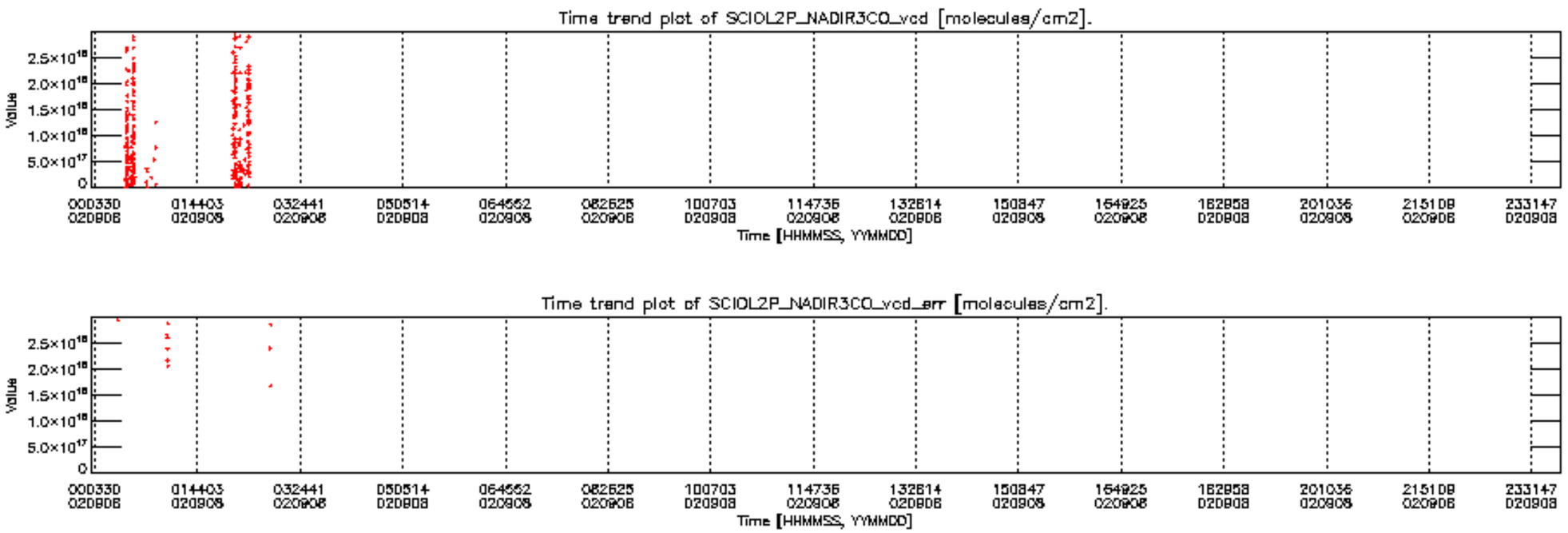


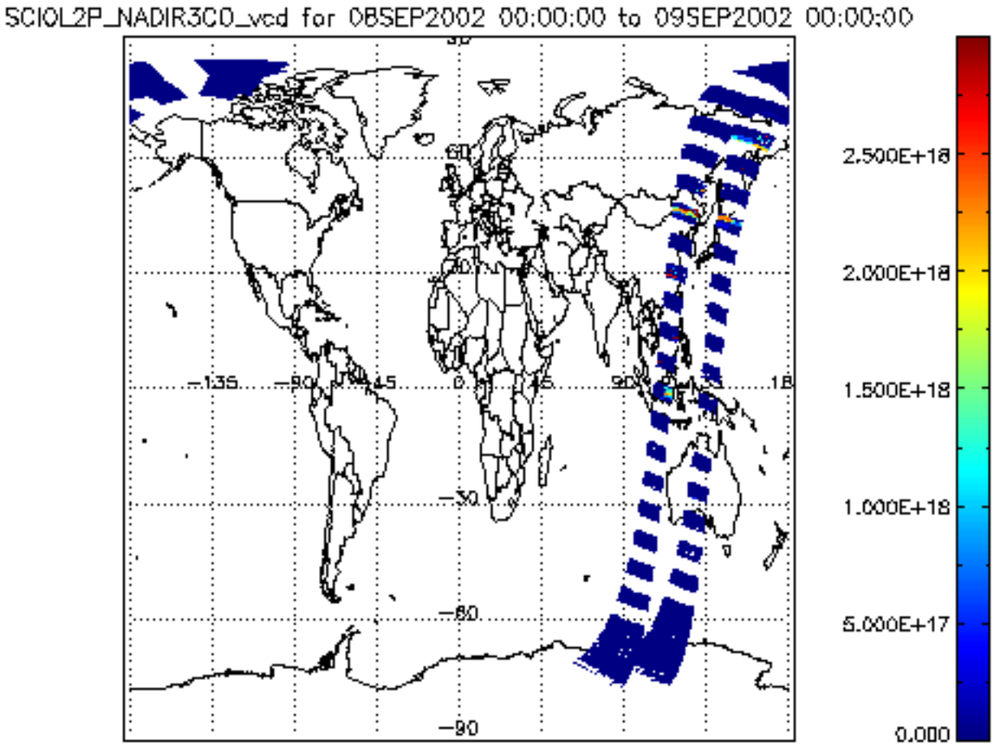
SCIOL2P_NADUV8H2O_vcd_err for 08SEP2002 00:00:00 to 09SEP2002 00:00:00

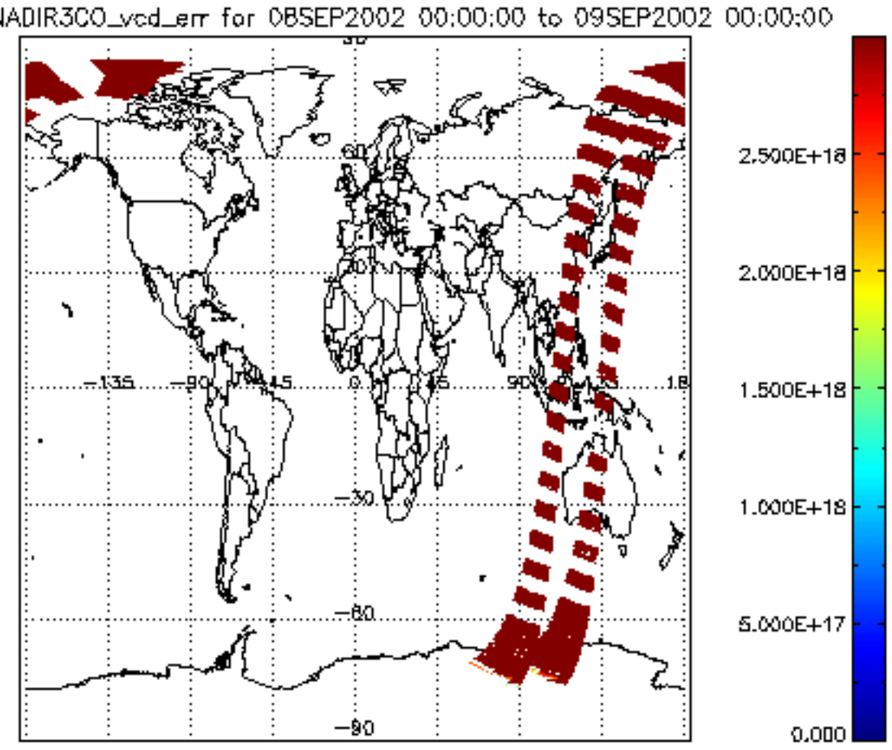


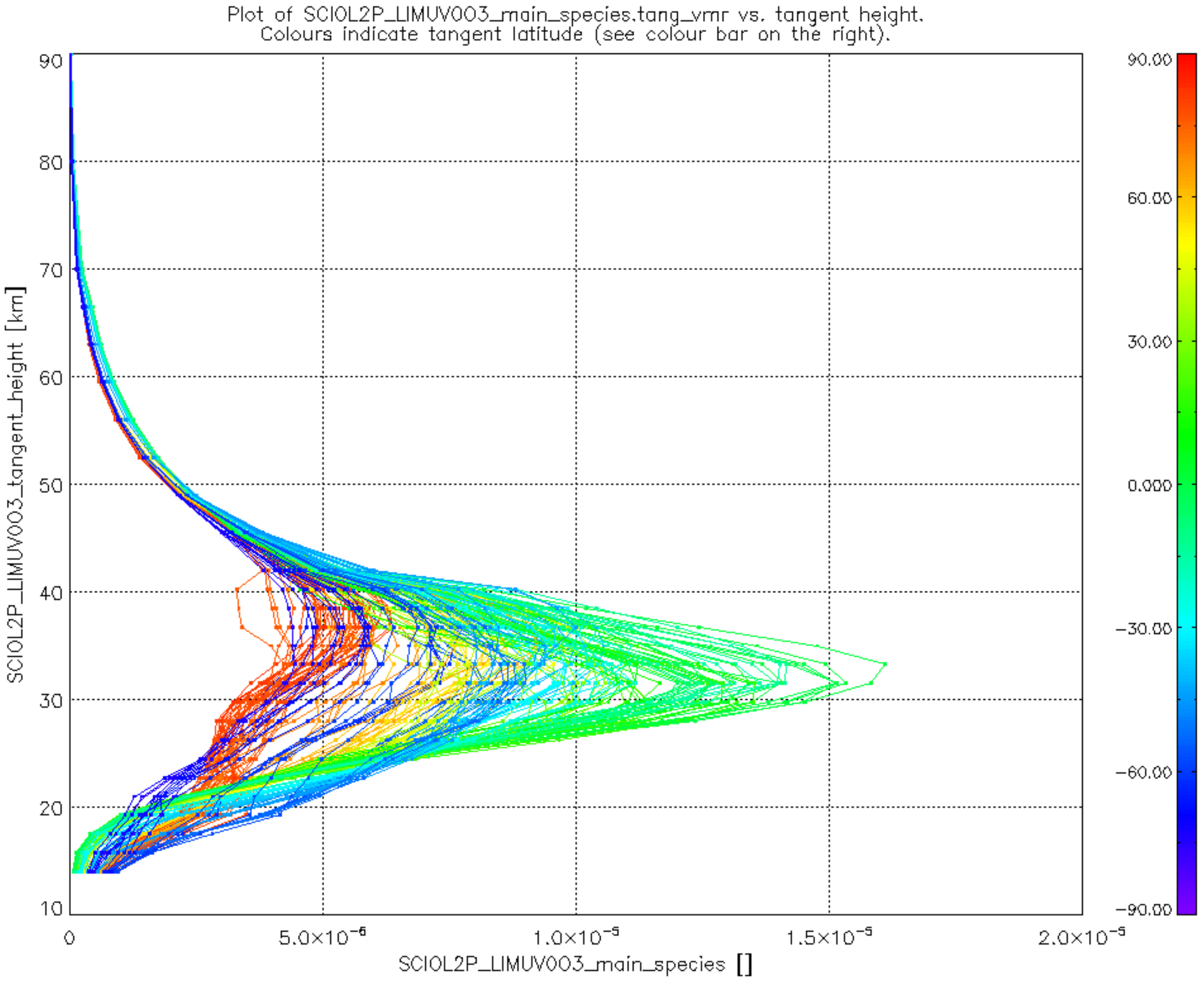
SCIOL2P_NADUV8H2O_amf_gr for 08SEP2002 00:00:00 to 09SEP2002 00:00:00



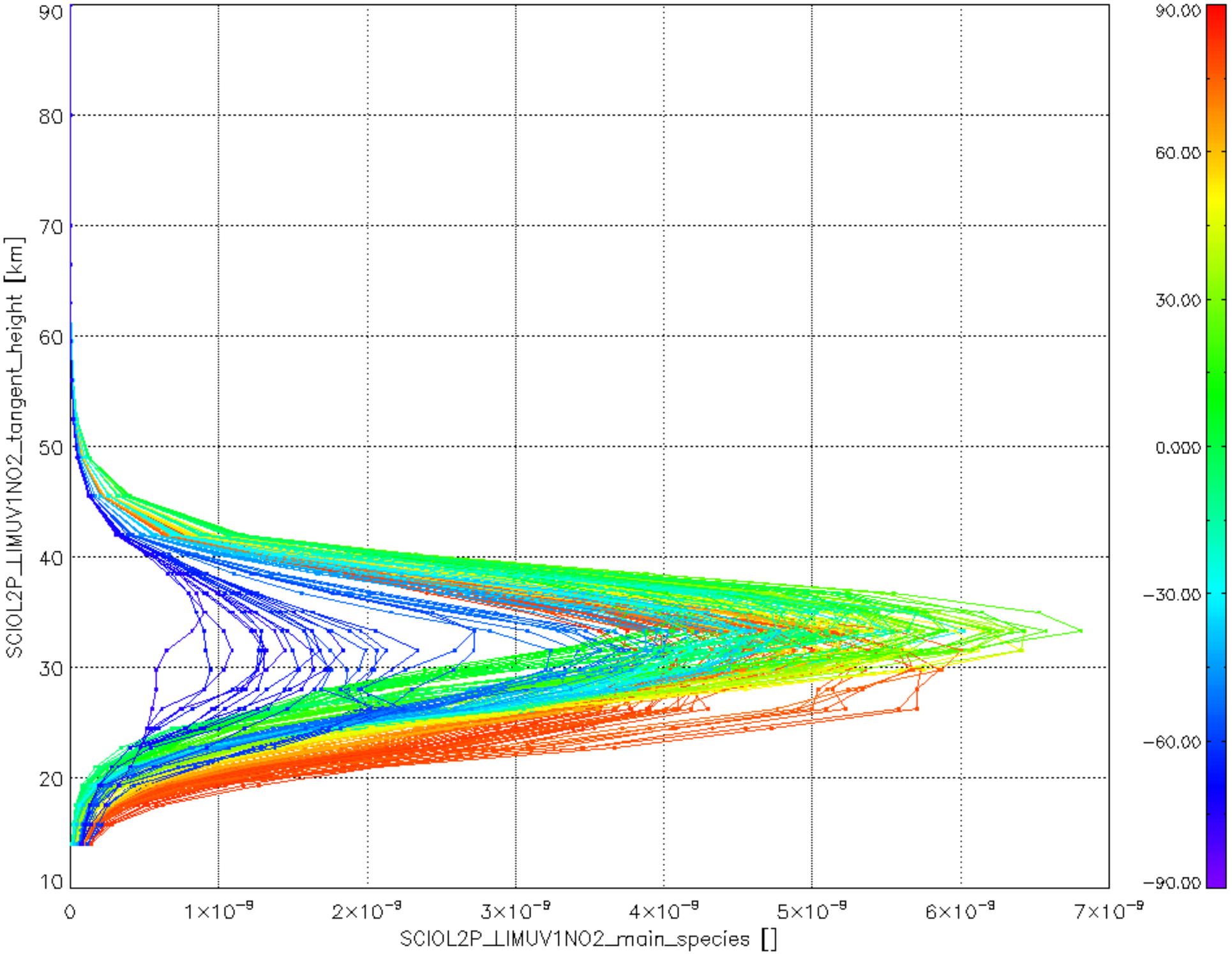

Time trend plot of SCIOL2P_NADIR3CO_vcd [molecules/cm2].
Value
2.5×10^18
2.0×10^18
1.5×10^18
1.0×10^18
5.0×10^17
0
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215109 020908
233147 020908
Time [HHMMSS, YYMMDD]
Time trend plot of SCIOL2P_NADIR3CO_vcd_err [molecules/cm2].
Value
2.5×10^18
2.0×10^18
1.5×10^18
1.0×10^18
5.0×10^17
0
000330 020908
014403 020908
032441 020908
050514 020908
064552 020908
082625 020908
100703 020908
114736 020908
132814 020908
150847 020908
164925 020908
182858 020908
201036 020908
215109 020908
233147 020908
Time [HHMMSS, YYMMDD]


SCIOL2P_NADIR3CO_vcd for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
60
-30
-60
-90
-135
-90
-45
0
45
90
135
180
2.500E+18
2.000E+18
1.500E+18
1.000E+18
5.000E+17
0.000


SCIOL2P_NADIR3CO_vcd_err for 08SEP2002 00:00:00 to 09SEP2002 00:00:00
60
-30
-60
-90
-135
-90
-45
0
45
90
135
180
2.500E+18
2.000E+18
1.500E+18
1.000E+18
5.000E+17
0.000


Plot of SCIOL2P_LIMUV003_main_species.tang_vmr vs. tangent height.
Colours indicate tangent latitude (see colour bar on the right).
SCIOL2P_LIMUV003_tangent_height [km]
90
80
70
60
50
40
30
20
10
0
5.0×10⁻⁶
1.0×10⁻⁵
1.5×10⁻⁵
2.0×10⁻⁵
SCIOL2P_LIMUV003_main_species []
90.00
60.00
30.00
0.000
−30.00
−60.00
−90.00

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).